Department of Toxic Substances Control

2002 Annual Facility Report

(2002 AFR)

CALIFORNIA SUPPLEMENTAL INSTRUCTIONS

PLEASE READ THROUGH THE 2002 AFR CALIFORNIA SUPPLEMENTAL INSTRUCTIONS BEFORE COMPLETING THE FORMS.

DOWNLOAD SOFTWARE AND 2001 HAZARDOUS WASTE REPORT INSTRUCTIONS AND FORMS IF NEEDED. SEE PAGE 20 FOR DETAILED DOWNLOADING INSTRUCTIONS.

WHERE STATE WASTE CODES ARE REQUIRED, PLEASE USE ONLY THE CALIFORNIA WASTE CODES IN THE 2002 AFR CALIFORNIA SUPPLEMENTAL INSTRUCTIONS, APPENDIX F.

THIS SUPPLEMENT INCLUDES THE FOLLOWING:

1. INTRODUCTION TO THE 2002 AFR

Department of Toxic Substances Control (DTSC) has prepared these California Supplemental Instructions to assist permitted hazardous waste TSDFs that are required to submit a 2002 AFR. The Supplemental Instructions, Appendices and Forms can be found on DTSC's website at **www.dtsc.ca.gov/database/Publications/forms_index.cfm.**
They are designed to be used with the U.S. EPA 2001 Hazardous Waste Report (2001 HWR), also known as the Biennial Report Instructions and Forms, prepared by the U.S. Environmental Protection Agency (U.S. EPA), available online at U.S. EPA's web site at **www.epa.gov/epaoswer/hazwaste/data/brs01/ins-frms.pdf.**

The California Code of Regulations (CCR) Title 22, Division 4.5 contains the environmental health standards for the management of hazardous waste. Standards applicable to owners and operators of hazardous waste transfer, treatment, storage, or disposal Facilities (TSDFs) are contained in Chapter 14. The specific requirement for the Annual Facility Report is contained in CCR Title 22, Division 4.5, Section 66264.75 and is attached as "California Authority," (Appendix A).

Although Forms CO and CC of the **2002 AFR** are not required by CCR Title 22, DTSC requests that you complete these forms with your best estimates, plans, and updated information. This will assure that DTSC has accurate updated information linking reported hazardous wastes to management systems. DTSC uses this information in hazardous waste treatment capacity analyses, case-by-case variances, waste minimization strategies and evaluation, and other activities.

2. PURPOSE

The mission of DTSC is to protect public health and the environment from harmful exposure to hazardous waste. In order to effectively manage the State's hazardous waste, DTSC collects and maintains information about the generation, transportation, management, and final disposition of hazardous waste within the State, and about efforts to minimize or reduce these wastes.

The information gathered by the 2002 AFR will be used to provide DTSC with an understanding of hazardous waste management activities and developing trends, help measure the quality of the environment, and in preparing various state reports. Your efforts in carefully filling out the forms are greatly appreciated.

3. SUMMARY OF ITEMS INCLUDED IN THESE INSTRUCTIONS

To determine if your Facility (TSDF) is required to file the 2002 AFR, read **Who Must File the 2002 AFR** on page 5 of these instructions. If you received a 2002 AFR reporting package, and your Facility (TSDF) is **not** required to complete the 2002 AFR, please complete the **2002 AFR Exemption Request Form** (Appendix D) and return it to DTSC at the address on page 20 via fax or mail by March 1, 2003. **If you have not received a reporting package, please call the 2002 AFR Help Line at (916) 322-2880 to determine if submission is necessary.**

If your Facility (TSDF) has **ceased operating** as a permitted Facility (TSDF) or has initiated **partial closure procedures** in 2002, please complete **Form CO - Ceased Operating as a Permitted or Interim Status Hazardous Waste Facility** and return it to DTSC at the address on page 20.

Frequently Asked Questions and the **2002 AFR Submission Cover Sheet**, on pages 6-8, will prove valuable in submitting your report. You will find answers to most of your questions here.

What To Report, on page 9, outlines the information required by the 2002 AFR. It contains a table that provides a description of each required data element, as well as the requesting Section number from CCR Title 22, and the form on which to report that data element.

Which Forms to Submit, on page 10, describes which forms should be submitted by different types of permitted Facilities (TSDFs).

How to Fill Out the Forms, starting on page 11, highlights required fields for the 2002 AFR. The forms which are unique to the AFR are: 1) Form CO - Ceased Operating as a Permitted Facility (TSDF), and 2) Form CC - Closure Cost Estimates and Certification. See pages 17-19 for details on completing Form CO and Form CC.

Help to Submit the 2002 AFR, on pages 20-21, provides the address to which completed Forms and Reports should be returned, resources for further assistance, the final filing date, information on electronic reporting, and procedures for obtaining an extension of the final filing date if needed.

Please complete the 2002 AFR Submission Cover Sheet on page 8 before submitting your forms!

4. WHO MUST FILE THE 2002 ANNUAL FACILITY REPORT

A Facility (TSDF) is required to file the 2002 AFR if it meets any **one** of the following criteria:

A) The Facility (TSDF) operated under the authority of a full permit or under interim status pursuant to CCR, Title 22, Division 4.5, Sections 66264 or 66265 and stored, treated or disposed of hazardous waste at any time during 2002;

OR

B) The Facility (TSDF) operated under the authority of a Standardized Permit pursuant to CCR, Title 22, Division 4.5, Section 66270.69. This requirement, however, does not apply to Permanent Household Hazardous Waste Collection Facilities.

Facilities (TSDFs) who meet the above criteria must complete and submit the 2002 AFR even if they previously completed and submitted the 2001 HWR.

5. FACILITIES (TSDFS) *NOT* REQUIRED TO FILE THE 2002 AFR

A Facility (TSDF) is **not required** to file the 2002 AFR if it meets any **one** of the following criteria:

A) The Facility (TSDF) operated under the authority of a Permit-by-Rule (PBR), is a Conditionally Exempt or a Conditionally Authorized Facility, or is a Permanent Household Hazardous Waste Collection Facility;

OR

B) The Facility (TSDF) is only a hazardous waste generator (any size) and **did not** store, treat or dispose of hazardous waste at any time during 2002;

OR

C) All permitted activities at the Facility (TSDF) ceased pursuant to full permit or interim status prior to January 1, 2002.

Facilities (TSDFs) not required to file the 2002 AFR **are** required to complete the 2002 AFR Exemption Request Form (Appendix D) and submit it to DTSC at the address listed on page 20 by March 1, 2003.

6. FREQUENTLY ASKED QUESTIONS

Questions	*Answers*
Instructions and Forms	
How can I get another copy of the **2002 California Supplemental Instructions** and Forms and/or the **2001 HWR Instructions and Forms**?	You can download the **2002 AFR California Supplemental Instructions and Forms** from www.dtsc.ca.gov/database/ Publications/forms_index.cfm, and the **2001 HWR Instructions and Forms** from U.S. EPA's web site at: www.epa.gov/epaoswer/hazwaste/data/brs01/ins-frms.pdf If you do not have Internet access, contact us – see page 20.
Where can I find the most current EPA Flat File Specifications?	Go to U.S. EPA's website at **www.epa.gov/ epaoswer/hazwaste/data/brs01/8-01spec.pdf**
Who Is Required To File?	
Who is required to submit a 2002 AFR?	Generally, only **permitted Facilities (TSDFs)**. See page 5 for clarification.
Are Small Quantity Generators (SQGs) and Large Quantity Generators (LQG's) required to file?	No, if they only generated waste and did not treat, store, or dispose of waste. See page 5 for clarification.
Are "California Only" handlers required to file?	No. See page 5 for clarification.
I just bought this company. Am I required to file?	Yes. You should have received records of past hazardous waste handling activity from the previous owner. Contact the transporter for missing copies of manifests.
I am no longer generating hazardous waste. Am I required to file?	No. If you ceased all operations **and** all clean up prior to January 1, 2002. Submit an Exemption Form (Appendix D).
How do I submit an exemption?	Submit an Exemption Form, (Appendix D).
Workshops/Training	
Are workshops or training sessions going to be given?	No. Most Facilities (TSDFs) can complete the report if they read the instructions thoroughly. Assistance is available if necessary. See page 20.
Where do I get for help with the software?	Check out the Waste Reporter Software Guide in Appendix K, and the Software Tips on page 22.

Reporting Information	
Is wastewater reported?	No. If the wastewater is sent via a hard piped inline treatment system, directly to a Publicly Owned Treatment Works (POTW). Call (916) 322-2880 for clarification.
Is universal waste reported?	No. Universal waste is exempt and is not reported.
Do I report waste with a heating value above 3,000 BTU or 1% VOC?	No. Not required. See page 9.
Where can I find a list of RCRA (U.S. EPA) codes and other code lists?	See APPENDIX E-I of the **2002 California Supplemental Instructions.**
Where can I find a list of Units of Measure?	See page 14 of the **2002 California Supplemental Instructions.**
I submitted a 2001 HWR. Do I need to submit the 2002 AFR as well?	Generators No. Facilities Yes. Facilities that meet the criteria for filing the 2002 AFR on page 1 must do so regardless of having filed the 2001 HWR.
How can I tell if I am exempt?	See page 5 and 21 of the **2002 AFR California Supplemental Instructions**.
I can't find all of my records? Will AFR Staff give me copies of my missing manifests?	No. Contact the previous owner or the transporter to obtain missing manifests.
How do I submit my report?	By mail, using the address on page 20. Complete the Cover Sheet on page 8 before mailing your report.
Can I fax my report to meet the deadline?	No. Submissions must contain **original signatures** and must be **postmarked**, ***not received***, by the deadline. Submissions should include an electronic version of the report as described on page 20.
Internet	
Is information available on the Internet for the 2002 AFR and/or the 2001 HWR?	Yes. See page 20 for downloading 2002 AFR Instructions and AFR Forms, 2001 HWR Instructions, EPA Flat File Format, 2001 Waste Reporter Software, and Adobe Acrobat Reader.
Can I email my transmittal file?	No. Submissions must be signed and sent by mail, with the transmittal file diskette attached.
Software	
Where can I get the Waste Reporter software?	**www.environ.com/partners/California/CAWR.htm**
How do I use the software?	See User Guide, Appendix K, and Tips on page 22.
What if I can't see the right hand scroll bar?	Resize your monitor resolution to **1024x768**.

7. 2002 AFR SUBMISSION COVER SHEET

SUBMIT WITH REPORT.
NO ADDITIONAL COVER LETTER REQUIRED.
USE ATTACHED MAILING LABEL.

The following items are included or have been verified in the report:

- ☐ **2002 AFR Submission Cover Sheet**;
- ☐ **Signed Form ID** (3 pages);
- ☐ **Verified EPA ID**;
- ☐ **Verified NAICS code** on **www.naics.com**;
- ☐ **Forms GM**, if applicable;
- ☐ **Forms WR**;
- ☐ **Form OI** (Offsite Identification);
- ☐ **Form CO** and/or **Form CC,** if applicable;
- ☐ **Waste Reporter Summary Report**, if applicable;
- ☐ **Original transmittal file** on diskette using Waste Reporter software or in EPA Flat File format in **diskette mailer** provided;
- ☐ Attached **return mailing label** provided;
- ☐ **Postmarked your report by March 1, 2003**.

Reminder:

- ☐ Made a complete **photo copy of the 2002 AFR** to retain with your records; and
- ☐ Made a second **original transmittal file** from Waste Reporter for your records, if applicable.

8. WHAT TO REPORT

The following information is required by the 2002 AFR. Regulatory authority is cited in CCR Title 22, Section 66264.75 (Appendix A).

TYPE OF INFORMATION	TITLE 22 SECTIONS	FORMS
Information required for all filers:		
1) EPA ID number, name, and address of the Facility (TSDF)	66264.75 (a)	ID
2) Certification signed by the owner, operator, or authorized representative.	66264.75 (j)	ID
3) A description and quantity of each hazardous waste the Facility (TSDF) received during 2002.	66264.75 (d)	GM WR
4) The method of transfer, treatment, storage, or disposal for each hazardous waste.	66264.75(e)	GM WR
5) The most recent closure cost estimates. For disposal Facilities (TSDFs), the most recent post-closure cost estimates.	66264.75(g)	CC
6) Summary of environmental monitoring data that is maintained on-site for inspection.	66264.75(k)	CC
Information not required for the 2002 AFR:		
1) **Wastes with a heating value above 3,000 BTU or 1% VOC is not reported** Because of changes in the Land Disposal Restrictions requirements and because California does not have an off-site incinerator available to generators, DTSC is not requiring that you complete the information for wastes with a heating value above 3,000 BTU or 1% VOC. This also means that the Certification related to this requirement is not needed.	66265.75 (l) This information is **not** being required for the 2002 AFR.	GM WR

9. WHICH FORMS TO SUBMIT

This table identifies which forms must be submitted by each of the four categories of Facilities (TSDFs), which are:

1. **On-site Storage**
2. **On-site Treatment, Disposal, or Recycling**
3. **Off-site Treatment, Disposal, Recycling, Storage, Transfer Station**
4. **Generator**

Required Form	***Facility Category***	***Explanation***
ID	1, 2, 3, 4	All Facilities must complete Sections I, II, III, IV, and VII of Form ID. Facilities that are also generators must also complete Section V. TSDFs must also complete Section VI. See pages 9-10, 2001 HWR Instructions and Forms.
GM	1, 2, 4	All TSD Facilities that are required to submit the 2002 AFR and that generate waste are required to submit Form GM.
WR	3	**Only off-site Facilities** are required to submit Form WR. Facilities may group the waste by handling method and waste stream only.
OI	3	**All Facilities** are required to submit Form OI.
CC	1, 2, 3	**All Facilities** that are required to submit the 2002 AFR are requested to submit the Form CC on closure or post-closure cost estimates and environmental monitoring.
CO	1, 2, 3, 4	**Facilities that ceased operating** as a standardized or fully permitted Facility **during 2002** are required to complete the 2002 AFR and are requested to submit Form CO.
Exemption Request Form	Exempt	This is the **only** form required from **Facilities that ceased operating** as a standardized or fully permitted Facility (TSDF) **before 2002** and therefore are not required to complete the 2002 AFR. This includes Facilities (TSDFs) that are now operating under the authority of a PBR, CE, or CA and received a 2002 AFR reporting package.

10. HOW TO FILL OUT THE FORMS

Please use only the versions of Forms ID, GM and WR supplied in Appendix J or on the web sites listed on page 20. In addition to the following guidance, detailed instructions for Forms ID, GM and WR can be found starting on page 9 of the 2001 HWR Instructions and Forms. However, please note that those instructions request information for 2001. Please supply 2002 information for the 2002 AFR.

What Is Different?: There are differences between the requirements for the California 2002 AFR and the 2001 HWR. The major differences between reporting requirements are:

	2001 Hazardous Waste Report (U.S. EPA)	***2002 Annual FacilityReport (California)***
Who is required to report	RCRA Large Quantity Generators (LQG)s & RCRA Facilities (TSDFs)	RCRA Facilities (TSDFs) & California State Facilities (TSDFs)
What is required to be reported	Focus is mainly on federally regulated (RCRA) hazardous wastes. California-only regulated (non-RCRA) hazardous is not used to determine LQG status	Covers all hazardous wastes, both federally regulated (RCRA) wastes and California-only regulated (non-RCRA) hazardous wastes
U.S. EPA Forms to submit	ID, GM, WR & OI forms supplied with 2001 HWR	IC, GM, WR & OI forms supplied with 2002 AFR or 2001 HWR or online forms
California Forms to submit	None	CO & CC forms supplied with 2002 AFR

FORM ID – RCRA SUBTITLE C SITE IDENTIFICATION FORM

WHO MUST SUBMIT FORM ID?

All sites required to file the 2002 AFR must submit Form ID. Facilities (TSDFs) that are also generators need to complete both sides of the form. Facilities (TSDFs) that do not generate any waste do not need to complete Section VII on waste minimization activity. More detailed instructions for this form start on page 9 of the 2001 HWR Instructions and Forms. If this form is completed by a consultant on behalf of the Facility (TSDF), the consultant must ensure that the owner or operator of the Facility (TSDF) signs the certification in Section IV of the ID Form.

HOW TO FILL OUT FORM ID

1. **Reason for Submittal**: Check bottom box "As a component of the Hazardous Waste Report".

2. **EPA ID Number**: Verify your EPA ID number against an official EPA document or by calling (415) 495-8895, not against a manifest.

3. **Name**: Enter the official facility name as listed on the hazardous waste permit.

4. **City, State**: Enter the city and state of the facility location
   County: List the California **County** where the facility is located, not the country.

5. **Site Land Type**: Not required.

6. **NAICS Code**: Look up via **www.naics.com** or call (916) 322-2880.

7. **Street or P.O. Box**: Enter the mailing address for the facility. You may include a room number, but omit lengthy department names or position titles.
   City, State: Enter the city and state of the mailing address.
   Country: Enter USA.

8. **First Name, Last Name**: Enter the contact person's name, or who we should call if we have questions or need additional information or clarification.
   Phone Number: Enter the contact person's telephone number and extension. Do not enter pager numbers

9. **Name of Site's Legal Owner and Date**: Not required.
   Name of Site's Operator and Date: Not required.

10. **Type of Regulated Waste Activity**: Mark appropriate boxes.

11. **Description of Hazardous Waste**: Not required here. Enter on GM form.

12. **Comments**: Include comments regarding the report, email address of the contact person, and any other clarification needed.

13. **Certification**: Report is to be signed by the owner or a supervisor employed by the facility. Consultants are not authorized to sign for facilities. Submit original signature.

FORM GM - WASTE GENERATION AND MANAGEMENT

WHO MUST SUBMIT FORM GM?

A Facility (TSDF) required to file the 2002 AFR must submit Form GM if the Facility (TSDF) generated or shipped any quantity of hazardous waste during 2002.

HOW TO FILL OUT FORM GM

(Note: Additional instructions for this form can be found starting on page 19 of the 2001 HWR Instructions and Forms.) A separate and independent Form GM must be submitted for **each** hazardous waste stream **if any one** of the following is true:

- The hazardous waste was generated on site from a production process, service activity, or routine cleanup.
- The hazardous waste was the result of equipment decommissioning, spill cleanup, or remedial cleanup activity.
- The hazardous waste was derived from the management of non-hazardous waste.
- The hazardous waste was received from off site, was subsequently shipped off site, and was not recycled or treated on site.
- The hazardous waste was a residual from the on-site treatment, disposal, or recycling of hazardous waste.

Make and submit a separate and independent Form GM for **each** hazardous waste stream that meets **any one** of the five descriptions above. Report all quantities of the waste generated on site; treated, disposed, or recycled on site; or shipped off site during 2002.

HOW TO COMBINE AND REPORT SIMILAR WASTES ON ONE FORM GM

A Form GM should be completed for each generated RCRA hazardous waste at either the waste-generating process level, manifest shipment level, or cumulative waste code level. Each of these levels defines how similar hazardous wastes may be combined and reported on one Form GM. (Refer to page21 of the 2001 HWR Instructions and Forms.) When completing a Form GM at the:

- **Waste-Generating Process Level**, a site may combine one or more RCRA hazardous wastes at the point where the wastes are generated (i.e., hazardous wastes with the same Source code), including process wastes and treatment residues.
- **Manifest Shipment Level**, a site may combine one or more RCRA hazardous wastes shipped off site under the same hazardous waste manifest (i.e., hazardous wastes with one or more Source code(s) that may be aggregated and shipped together).
- **Cumulative Waste Code Level**, a site may combine each distinct RCRA hazardous waste (i.e., hazardous waste streams with the same hazardous waste code or the same group of hazardous waste codes with one or more Source code(s)) generated across the entire site.

The following table indicates where codes that are referred to on Form GM can be found:

Code required on Form GM	Location
EPA Hazardous Waste Codes	Appendix E, 2002 AFR California Supplemental Instructions, or Page 53 of 2001 HWR Instructions and Forms
State Hazardous Waste Codes	Appendix F, 2002 AFR California Supplemental Instructions
NAICS Codes	**www.naics.com** or call (916) 322-2880 for assistance
Source Codes	Appendix G, 2002 AFR California Supplemental Instructions, or Page 77 of 2001 HWR Instructions and Forms
Form Codes	Appendix H, 2002 AFR California Supplemental Instructions, or Page 79 of 2001 HWR Instructions and Forms
Unit of Measure and Density (UOM)	Page 14 of 2002 AFR California Supplemental Instructions, or Page 23 of 2001 HWR Instructions and Forms
Management Method Codes	Appendix I, 2002 AFR California Supplemental Instructions, or Page 78 of 2001 HWR Instructions and Forms

EPA ID Number: Verify your EPA ID number against an official EPA document, not against a manifest.

Section 1:

EPA and State hazardous waste codes: Enter as many as will fit in the section provided; enter the remainder of the codes in the Comments section.

Source Code: Enter the Source code that best describes how the hazardous waste reported originated. If the waste was mixed with other non-hazardous waste, report the Source code only for the hazardous waste portion. Source code G25 requires a Management Method Code. **Source codes ending in the digit 9 must include an explanation in the Comments section.**

Form Code: Enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported.

Quantity Generated in 2002: Enter the amount generated during 2002. Quantity generated may not be the same as the amount shipped, if some of the waste shipped was generated in 2001.

Unit of Measurement (UOM): Enter the UOM for the quantity reported in Box G. Report all waste on a single form under the same UOM. If you select Pounds (1), Short Tons (2), Kilograms (3), Metric Tons (4), you should enter only the single digit code. **Do** not include density if you choose Code 1, 2, 3, or 4. **If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box** to determine which measure was used. Pounds per gallon should be above about 7 pounds, and specific gravity should be below about 3.

Section 2:

If waste was **managed onsite**, check the "**Yes**" box and enter the **Management Method Code** that best describes the main method used, and the quantity treated, stored or recycled onsite using the same UOM as entered in Box H. **On-Site Process System 2** is for a second waste stream, not for a second process on the same waste.

Section 3:

If waste was **shipped off site** in 2002, check the "**Yes**" box and enter verified **EPA ID** number of the destination facility from Box 9 of the manifest. Do not enter the transporter's EPA ID number, unless they are also listed as the destination facility.

Enter the **Off-Site Management Method Code** and total quantity shipped. **Quantity shipped** may not be the same as the amount generated, if some of the waste shipped was generated in 2001.

Comments: Include any relevant comments or clarification for any Source codes ending in the digit 9.

FORM WR - WASTE RECEIVED FROM OFF SITE

WHO MUST SUBMIT FORM WR?

Facilities (TSDFs) that received hazardous waste from off-site generators during 2002.

HOW TO FILL OUT FORM WR

Form WR is divided into three sections labeled Waste 1, Waste 2, and Waste 3 that collect information about the quantities and characteristics of each hazardous waste received from an off-site source during 2002.

A separate waste block must be filled out for each hazardous waste received from each off-site handler. For the 2002 AFR you may **aggregate** hazardous wastes received from multiple off-site handlers as a single entry as long as the waste stream remains the same and is managed in the same manner. If wastes with the same U.S. EPA waste codes, state waste codes, and form code are all managed in a single process system (System Type Code), they can all be entered as one. Refer to the 2001 HWR Instructions and Forms, page 27, Form WR.

So the quantities add up correctly, report all waste streams at the same unit of measurement. If you find it easier to list each entry separately as detailed in the 2001 HWR instructions, follow the item by item instructions starting on page 27. Photocopy additional copies of Form WR as needed. Throughout this form, enter "NA" if the information requested is not applicable. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the waste number and box letter.

If you aggregate by waste stream, use "CAD 000 000 000" as the off-site source EPA ID number for the generators. This will be especially useful for milk runs or other small quantity generators a Facility (TSDF) may use. An example of aggregating a waste stream, in this case, waste oil & water, follows (This is only a sample. Your numbers will be different):

Waste 1	A. Description of hazardous waste	B. EPA hazardous waste code	C. State hazardous waste code
	WASTE OIL & WATER	N.A.	134
D. Off-site source EPA ID number	E. Quantity received in 2002		F. UOM / Density
CAD 000 000 000	2.13		2 — 8.63 ■ lbs/gal ☐ sg
G. Waste form code	H. RCRA-radioactive mixed	I. System type	
B205	No	M032	

FORM OI - OFF SITE IDENTIFICATION

WHO MUST SUBMIT FORM OI?

Facilities (TSDFs) that received hazardous waste from off-site generators during 2002 must submit a completed Form OI for listing each off-site source.

HOW TO FILL OUT FORM OI

Form OI collects information about the EPA ID number for each off-site source that a Facility (TSDF) received hazardous waste from during 2002. Each Form OI facilitates five individual EPA ID numbers to be reported, labeled Site 1, Site 2, etc. Each Site's Section collects data on the EPA ID Number, Name, Handler Type and Address of the source. Each facility will likely have several Form OIs as components of their report.

Examples of this form can be found in The 2001 HWR Instructions and Forms, located in Appendix A-1.

An item-by-item simplified summary follows:

A. EPA ID No.: Enter the 12 digit EPA ID Number for each off-site installation to which you shipped hazardous waste and each off-site installation from which you received hazardous waste. Or, enter the EPA ID number of the transporter who shipped hazardous waste to or from your site. Each EPA ID number should be listed only once. If the off-site installation or transporter did not have an EPA ID number during 2002, enter "NA" in Box A and note the reason in the Comments section. Verify EPA ID Numbers with the transporter or through the EPA Hotline at (800) 618-6942.

B. Name: Enter the company Name of the off-site installation or transporter reported in Box A.

C. Handler Type: Check all boxes that apply to the handler type of the off-site installation or transporter reported in Box A.

D. Address: Enter the mailing Address of the off-site installation or transporter reported in Box A. If the EPA ID number reported in box A refers to a transporter, enter "NA" in Box D.

Comments: Include pertinent comments related to any of the EPA ID numbers listed or other information reported on this form.

Form OI is a fairly self-explanatory form. It is very helpful to DTSC in verifying the EPA ID numbers a Facility includes in their report.

FORM CO - CEASED OPERATING AS A PERMITTED OR INTERIM STATUS HAZARDOUS WASTE FACILITY (TSDF) OR UNIT(S)

WHO MUST SUBMIT FORM CO?

A Facility (TSDF) required to file the 2002 AFR must submit Form CO if the Facility (TSDF) ceased operating any or all hazardous waste management units during 2002.

PURPOSE OF FORM CO

The form is used to identify the type of permitted Facility (TSDF), and which unit or units have ceased operating as permitted units for the year 2002.

HOW TO FILL OUT FORM CO

If the entire Facility (TSDF) ceased operating, you need fill out only one Form CO. If the Facility (TSDF) only partially closed, photocopy additional copies of Form CO as needed and fill out one form per unit for each type of unit that ceased operating under permit authorization. Complete Boxes A through M for each unit which ceased hazardous waste activity requiring a full permit or standardized permit during 2002.

Box A: Entire Facility (TSDF) or Partial Closure and Unit Type
Check if entire Facility (TSDF) ceased operating as a hazardous waste Facility (TSDF) requiring a full permit or standardized permit. If Facility (TSDF) initiated only a partial closure during 2002, please indicate Partial Closure.

Box B: Type of Units That No Longer Require a Permit
Check the type of units that ceased operating under a full permit, standardized permit or ISD for the Facility (TSDF). The units may have actually ceased operation or may simply now be authorized under a lower authorization tier, a variance, or converted to other activities which no longer require a full permit, standardized permit or ISD to operate legally.

Box C: Prior DTSC Authorization
Check the type of prior authorization held by the Facility (TSDF) or unit(s) reported in Box B.

Box D: Date of Interim Status
If prior authorization was an Interim Status Document (ISD), enter the date issued for the Facility (TSDF) or unit(s) reported in Box B.

Box E: Date of Permit
If prior authorization was a permit, enter the date issued for the Facility (TSDF) or unit(s) reported in Box B.

HOW TO FILL OUT FORM CO, CONTINUED

Box F: Current Status
Check if the entire Facility (TSDF) or unit(s):

- Ceased operating and will be going through closure,
- Converted to a lower permitting tier, to a variance, or to 90 day or less storage,
- Had the permit rescinded or denied and will be going through closure,
- Withdrew the permit and will not be pursuing a permit or will be going through closure, or
- Had a temporary stoppage, but intends to resume full permitted activities later.

Box G: Date Ceased Operating Permitted Unit(s)
The date that handling of hazardous waste requiring full permit, standardized permit, or ISD stopped.

Box H: Date Permit Terminated
If prior authorization was a permit or ISD, enter the date the permit was withdrawn, rescinded, expired or denied.

Box I: Date Converted to Tier Permitting
The date that handling of hazardous waste requiring full permit, standardized permit, or ISD converted to a lower tier, a variance, or a generator only.

Box J: Converted Unit(s) to
If the Facility (TSDF) or unit(s) converted to a lower legal operating authorization, specify their new status.

Box K: Date Facility (TSDF) Notified DTSC of the Closure
The date that the Facility (TSDF) notified DTSC by certified mail that handling of hazardous waste requiring full permit, standardized permit, or ISD would cease or be converted to a lower tier, a variance, or a generator only.

Box L: Is Facility (TSDF) Applying for Post-Closure Permit?
Specify if the Facility (TSDF) will be pursuing a Post-Closure Permit.

Box M: Date of Facility (TSDF) Closure/Verification
If the Facility (TSDF) or unit(s) completed the closure according to the approved closure plan,
And have been certified or verified clean closed by DTSC, enter the date the Certification or Verification was issued.

FORM CC - CLOSURE & POST-CLOSURE COST ESTIMATE AND ENVIRONMENTAL MONITORING DATA

WHO MUST SUBMIT FORM CC?

All Facilities (TSDFs) required to file the 2002 AFR must submit Form CC.

PURPOSE OF FORM CC

The form documents the closure and post-closure cost estimates required by CCR Title 22, Section 66264.75(g) and the environmental monitoring data required by Section 66264.75(k).

HOW TO FILL OUT FORM CC

SECTION I

Box A: Type of Estimate
Check if estimate is for closure or for post-closure.

Box B: Total Cost Estimate
Indicate the most current closure cost estimate as required by CCR, Title 22, Section 66264.142. Disposal Facilities (TSDFs) must indicate the most recent post-closure estimate as required by Section 66264.144.

Box C: Type and Capacity of Units
Indicate the type and capacity of the units covered by the estimate reported in Box B.

SECTION II

Box A: Environmental Monitoring Data
Description of the environmental monitoring data available.

11. HELP TO SUBMIT THE 2002 ANNUAL FACILITY REPORT

CONTACT US

To facilitate communications regarding the 2002 AFR, a dedicated telephone number and general fax number are available. Our staff will reply by fax or phone within two working days. Those numbers are:

Fax number:	(916) 322-1005	*Fax Exemption/Extension Requests Only* ***DO NOT fax your report or Form ID.***
Help Line:	(916) 322-2880	*Ask questions needing immediate response, verifying NAICS codes, and software help.*
E-mail address:	**BRSstaff@dtsc.ca.gov**	*Use for asking highly detailed questions.* ***DO NOT email your transmittal file.***
EPA ID numbers:	(415) 495-8895	*Use to verify EPA ID numbers only.*

WHEN AND WHERE TO FILE

Forms must be **postmarked** by: **MARCH 1, 2003** *(postmark date)*

Return Completed Reports to: *(First Class USPS is preferred)*
2002 Annual Report Staff (FLR 11-53D)
Dept of Toxic Substances Control
P.O. Box 806
Sacramento, CA 95812-0806

Physical address for Fed Ex: *(First Class USPS is preferred)*
DTSC 2002 AFR STAFF (FLR 11-53D)
1001 I Street, 11th Floor
Sacramento, CA 95814

DOWNLOAD REPORT FORMS, SOFTWARE AND INSTRUCTIONS BOOKLETS

2002 AFR California Supplemental Instructions and Forms:
Go to **www.dtsc.ca.gov/database/Publications/forms_index.cfm** on DTSC's web site,
2001 Hazardous Waste Report Instructions and Forms: (limited forms)
Go to **www.epa.gov/epaoswer/hazwaste/data/brs01/ins-frms.pdf** on U.S. EPA's web site.
2001 Waste Reporter Software:
Go to **www.environ.com/partners/California/CAWR.htm** on Environ's web site.
EPA Flat File Format:
Go to **www.epa.gov/epaoswer/hazwaste/data/brs01/8-01spec.pdf** on U.S. EPA's web site.
Adobe Acrobat Reader:
Go to **www.adobe.com/products/acrobat/readstep2.html**

If you do not have Internet access, you can request a copy of any of the above publications or software by faxing, writing or calling the 2002 AFR staff at the numbers or address listed above.

ELECTRONIC REPORTING

Electronic copies should be submitted, but must be accompanied by signed paper copies, and must be created using either the Waste Reporter Software, or using the official EPA Flat File Format (Go to **www.epa.gov/epaoswer/hazwaste/data/brs01/8-01spec.pdf** for specifications). Due to past problems with data format incompatibility, DTSC is requiring all electronic copies be submitted in one of the above formats. Though these specifications refer only to U.S. EPA forms, they must also be used in electronic submission of California Forms CO and CC.

EXTENSION REQUESTS

To obtain a 30 day extension for submission of the 2002 AFR to April 1, 2003, complete all the information on the Request for Extension (Appendix C) and fax or mail before March 1, 2003 to the address or fax number on page 20.

Extensions will only be granted for those Facilities using Waste Reporter Software, or submitting using EPA Flat File format as outlined above. Large Facilities submitting paper reports in absence of an electronic copy as outlined above will be granted Extensions only under extreme circumstances.

Extension approval notification will be provided by telephone to the contact person listed on the form. If you prefer a written approval, please specify in the comments section, and we will provide such notification.

EXEMPTION REQUESTS

Please do not submit an Exemption Request for every Facility or generator you have. Submit only for those Facilities who have received a filing packet for the 2002 AFR. If you have questions about which Facilities to file Exemption Requests for, please call the 2002 AFR Help Line at (916) 322-2880. The Request for Exemption form can be found in Appendix D.

Exemption approval notification will be provided by telephone to the contact person listed on the form. If you prefer a written approval, please specify clearly in the comments section of the Exemption form, and we will provide such notification in writing.

DOCUMENTS HELPFUL IN FILLING OUT THE FORMS

In preparing the 2002 AFR, you will need to consult your records on quantities and types of hazardous waste generated. Some records that might be helpful are listed below. (Your Facility (TSDF) may not have all of the documents listed.)

- Records of quantities of hazardous waste generated or accumulated;
- Uniform Hazardous Waste Manifest forms;
- Results of laboratory analysis of your wastes;
- Contracts or agreements with off-site Facilities (TSDFs) managing your wastes; and
- Copies of permits for on-site waste management systems.

12. WASTE REPORTER SOFTWARE TIPS

MULTI SITE SOFTWARE CODE: If you are using Waste Reporter Software to prepare the AFR for more than one facility, call (916) 322-2880 to obtain a multiple site software code.

DESCRIPTION TEXT BOX: If you can't type data into the Waste Description text box, click in the upper text box first, and then click in the description text box again, and you should be able to enter data.

NOTHING TO DO ERROR: If the software will validate with no "Critical" errors, but won't make a transmittal file and you get a "Nothing to Do!" message, call (916) 322-2880 for assistance. Do not re-enter your data!

NAICS CODES: Look up NAICS codes at **www.NAICS.com**. Your company may find that more than one code applies. Call (916) 322-2880 for assistance with identifying the appropriate NAICS codes. Do not use 562111 or 562112 unless your business is mainly a hazardous waste collector or waste treatment plant. Refer to the 2001 HWR for the codes you used last year.

COUNTY v. COUNTRY FIELDS: Enter the COUNTY (e.g., Stanislaus) in the location address, and the COUNTRY (U.S.A.) in the mailing address. Use the drop down menus to identify the correct names.

TAB NAVIGATION: Use the TAB key to navigate between fields.

WARNING MESSAGES: These are not critical errors. The most common one regarding comments in the comments section is generally a reminder that comments are required. The software cannot verify that you have or have not entered the comments. Verify that you have, and then ignore the message. Another common one is for EPA ID number validity. Verify your EPA ID number through (415) 495-8895, and verify it has been entered correctly (e.g., zero for the letter "O"), and ignore the message.

CRITICAL ERROR: These messages are more serious. They are not just reminders, but are serious problems with the report. Most are easily repaired, such as a missing code, etc. Verify the data is correct, and run the validation again. If you cannot solve the CRITICAL ERRORS after a few attempts, call (916) 322-2880 for assistance. Do not re-enter your data.

UNIT OF MEASURE (UOM): Enter 1 for pounds, 2 for Short tons, 3 for Kilograms, 4 for Metric tons. For these weighted measures, do not enter density. For volume measures, enter 5 for Gallons, 6 for Liters, and 7 for Cubic Yards. For these volume measures, you must include density information, either in pounds per gallon (enter the weight in pounds of one gallon of the waste (should be over about 7) and check **lbs/gal** box.) or in specific gravity (enter the specific gravity of the waste (should be under 3) and check the **sg** box. If you are not sure which to enter, call (916) 322-2880 for assistance.

SUMMARY REPORT: Run the Waste Reporter Summary Report to check for validity of data and whether the data amounts make sense (check if the software added any zeros to quantities, changed EPA ID numbers, or there were any data entry errors made).

NON-REQUIRED FIELDS: For fields that are not required, leave blank. Do not enter data.

IMPORTING FILES: You can use the "Import" feature to import your data stored in EPA Flat File format directly into Waste Reporter. To obtain the EPA Flat File specifications go to **www.epa.gov/epaoswer/hazwaste/data/brs01/8-01spec.pdf.** For assistance with importing using the EPA Flat File format, call (916) 322-2880.

USER'S GUIDE: See Appendix K for detailed instructions for the Waste Reporter Software User's Guide.

Appendix A

CALIFORNIA AUTHORITY

California Code of Regulations, Title 22, Division 4.5, §66264.75. Annual Report.

The owner or operator shall prepare and submit single copies of an Annual Report to DTSC and the appropriate regional water quality control board by March 1 of each year. The Annual Report shall be submitted on forms provided by DTSC, EPA Form 8700-13A/B, 5-80, (Revised 11-89). The report shall cover Facility (TSDF) activities during the previous calendar year and shall include:

(a) the Identification Number, name and address of the Facility (TSDF);

(b) the calendar year covered by the report;

(c) for off-site Facilities (TSDFs), the Identification Number of each hazardous waste generator from which the Facility (TSDF) received a hazardous waste during the year; for imported shipments, the report shall give the name and address of the foreign generator;

(d) a description, including any applicable EPA hazardous waste number from chapter 11, articles 3 or 4 of this division, California Hazardous Waste Number from chapter 11, Appendix XII of this division, and DOT hazard class, and the quantity of each hazardous waste the Facility (TSDF) received during the year. Wastes that are classified as non-RCRA wastes shall be described by indicating a generic name of the waste and the phrase "Non-RCRA Hazardous Waste." When possible, the generic name shall be obtained from chapter 11, Appendix X, subdivision (e) of this division. If the generic name is not listed in chapter 11, Appendix X, subdivision (e) the commonly recognized industrial name of the waste shall be used. For off-site Facilities (TSDFs), this information shall be listed by Identification Number of each generator;

(e) the method of transfer, treatment, storage or disposal for each hazardous waste;

(f) reserved;

(g) the most recent closure cost estimate under section 66264.142, and, for disposal Facilities (TSDFs), the most recent post-closure cost estimate under section 66264.144; and

(h) for generators who transfer, treat, store or dispose of hazardous on-site, a description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated;

(i) for generators who transfer, treat, store or dispose of hazardous waste on-site, a description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for the years prior to 1984;

(j) the certification signed by the owner or operator of the Facility (TSDF) or the Facility (TSDF)'s authorized representative;

(k) the environmental monitoring data specified in section 66264.73; and

(l) the owner or operator shall certify the following in writing for waste shipped off-site after January 1, 1990. The certification shall be attached to the Annual Report and include the following:

(1) whether the hazardous waste shipped off-site has a heating value of 3,000 British Thermal Units per pound of waste or less, and a volatile organic compound (VOC) content of one percent or less by weight; and

(2) if the waste had a heating value or VOC content greater than that specified in subsection (l)(1), that:

(A) the waste was incinerated or treated by any method that has been authorized by DTSC as part of a hazardous waste Facility (TSDF) permit issued pursuant to Health and Safety Code section 25200; or

(B) the waste is exempted from the requirements of chapter 18, article 12; or

(C) the waste was recycled; or

(D) the waste was shipped out of California for incineration, treatment, disposal or recycling.

NOTE: Authority cited: Sections 208, 25150 and 25159, Health and Safety Code.
Reference: Sections 25155.5, 25159, 25159.5 and 25202.9, Health and Safety Code, 40 CFR Section 264.75.

History: 1. New section filed 5-24-91; effective 7-1-91 (Register 91, No. 22).
2. New first paragraph filed 3-5-97; operative 4-4-97 (Register 97, No. 10).

Appendix B

CONFIDENTIAL BUSINESS INFORMATION

You may not withhold information from the Administrator of EPA because it is confidential. However, when the Administrator is requested to consider information confidential, it must be treated according to U.S. EPA regulations contained in Title 40 of the Code of Federal Regulations (CFR), Part 2, Subpart B. These regulations provide that a business may, if it desires, assert a claim of business confidentiality covering all or part of the information furnished to EPA. Section 2.203(b) explains how to assert a claim.

The Agency will treat information covered by such a claim in accordance with the procedures set forth in Subpart B. If someone requests release of information covered by a claim of confidentiality, or if the U.S. EPA otherwise decides to make a determination as to whether such information is entitled to confidential treatment, the Agency will notify the business. U.S. EPA will not disclose information as to when a claim of confidentiality has been made except to the extent of and in accordance with 40 CFR Part 2, Subpart B. However, if the business does not claim confidentiality when it furnishes the information, U.S. EPA may make the information available to the public without notice to the business.

CONFIDENTIAL BUSINESS INFORMATION (CBI) DEFINITION

In California's Hazardous Waste Handing Statutes, Confidential Business Information (CBI) would be handled under the "Trade Secret" section, as defined by Health and Safety Code Section 25173. "Trade Secret" includes but is not limited to "any formula, plan, process, tool, mechanism, compound, procedure, production data or compilation of information which is not patented, which is known only to certain individuals within a commercial concern who are using it to fabricate, produce or compound an article of trade or a service having commercial value, and which gives its user an opportunity to obtain a business advantage over competitors who do not know or use it."

In fulfilling its statutory responsibility to protect from disclosure those records which are legally entitled to "trade secret" protection, DTSC must also ensure prompt access to those records which are not entitled to protection. Consequently, anyone wishing to claim or maintain entitlement to "trade secret" protection must submit, within 60 days of the date of submission of the Annual Report, responses to the following questions in support of their claim. This information must be submitted for each provision of each document for which "Trade Secret" protection is sought. Claims of "Trade Secret" for entire files will not be honored unless claims for the contents of each document contained therein are substantiated by the responses to these questions:

A. Is there extensive knowledge of the information outside your business?
B. Is there extensive knowledge by employees and others in your business?
C. Have extensive measures been taken to guard the secrecy of the information?
D. Is the information valuable to competitors?
E. Have there been substantial monetary expenditures in the development of the information?
F. Could the information be easily and properly acquired or duplicated by others?
G. Is there substantial showing of causation between disclosure of the information and foreseeable harm?

DTSC will review each assertion of "trade secret" in light of the answers to these questions. Accordingly, it is essential the "trade secret" claimants provide adequate documentation to fully and specifically answer these questions for each document under consideration. A simple "yes" response, without supporting information, will not be considered adequate to substantiate the claim.

Appendix C

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
PO Box 806
SACRAMENTO, CA 95812-0806

2002 HAZARDOUS WASTE REPORT
FILING DATE EXTENSION REQUEST

I request a filing date extension for the 2002 Hazardous Waste Report for the following facility:

EPA ID ⌊_⌋⌊_⌋⌊_⌋ ⌊_⌋⌊_⌋⌊_⌋ ⌊_⌋⌊_⌋⌊_⌋ ⌊_⌋⌊_⌋⌊_⌋

Site Name:_____

Site Location Address:_____

City:_____ State:_____ Zip:_____

Contact Name:_____

Email Address:_____

Contact Title: _____

Phone Number of

Contact:_____Ext._____

REASON FOR EXTENSION: _____

_____

_____

_____

Authorized Signature of the Facility: _____Date: _____

Return to: **Department of Toxic Substances Control**
Hazardous Waste Management Program
Attn: Biennial Report Staff
1001 I St, 11th Floor, PO Box 806
Sacramento, CA 95812-0806

or FAX to: **(916) 322-1005**

Appendix D

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
PO Box 806
SACRAMENTO, CA 95812-0806

2002 HAZARDOUS WASTE REPORT EXEMPTION REQUEST

EPA ID No.: _____

Contact Name: _____ **Phone:** _____

Facility/Generator Name: _____

Mailing Address: _____

Mailing City: _____ **State:** _____ **Zip:** _____

E-Mail Address: _____

2002 ANNUAL REPORTING REQUIREMENTS:

The company must be a RCRA Large Quantity Generator in 2002 (at a specific location)
AND/OR
A company that treated, stored, or disposed of RCRA hazardous wastes in 2002.

Not required to file the 2002 Hazardous Waste Report

If your facility does **not** meet the above criteria, you are not required to file a Hazardous Waste Report for 2002. Please complete the information below for our records.

This status is for:

~ For 2002 only

~ Permanently

~ Other (Explain: _____)

Site Location Address: _____

City: _____ State:_____ Zip:_____

Return to: **Department of Toxic Substances Control**
Hazardous Waste Management Program
Attn: Biennial Report Staff
1001 I St, 11th Floor, PO Box 806
Sacramento, CA 95812-0806

or FAX to: **(916) 322-1005**

Appendix E

U.S. EPA (RCRA) HAZARDOUS WASTE CODES

Code	Waste description
CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*	
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
D016	2,4-D
D017	2,4,5-TP Silvex
D018	Benzene
D019	Carbon tetrachloride
D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride
HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*	
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow, sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in §261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under §261.4(a)(12)(i), if those residuals are to be disposed of.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)
	HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decamtates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K158	Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
K159	Organics from the treatment of thiocarbamate wastes.
K161	Purification soilids (including filtration, evaporation, and centrifugation soilds), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126).
K169	Crude oil tank sediment from petroleum refining operations.
K170	Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.
K171	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).
K172	Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).
K174	Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (including sludges that result from commingled ethylene dichloride or vinyl chloride monomer wastewater and other wastewater), unless the sludges meet the following conditions: (i) they are disposed of in a subtitle C or non-hazardous landfill licensed or permitted by the state or federal government; (ii) they are not otherwise placed on the land prior to final disposal; and (iii) the generator maintains documentation demonstrating that the waste was either disposed of in an on-site landfill or consigned to a transporter or disposal facility that provided a written commitment to dispose of the waste in an off-site landfill. Respondents in any action brought to enforce the requirements of subtitle C must, upon a showing by the government that the respondent managed wastewater treatment sludges from the production of vinyl chloride monomer or ethylene dichloride, demonstrate that they meet the terms of the exclusion set forth above. In doing so, they must provide appropriate documentation (*e.g.,*contracts between the generator and the landfill owner/operator, invoices documenting delivery of waste to landfill, etc.) that the terms of the exclusion were met.*
K175	Wastewater treatment sludges from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process.*

EPA HAZARDOUS WASTE CODES

(Continued)

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF – ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Waste description
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder
P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description	Code	Waste description
P051	Endrin, & metabolites	P067	Aziridine, 2-methyl-
P054	Aziridine	P068	Hydrazine, methyl-
P054	Ethyleneimine	P068	Methyl hydrazine
P056	Fluorine	P069	2-Methyllactonitrile
P057	Acetamide, 2-fluoro-	P069	Propanenitrile, 2-hydroxy-2-methyl-
P057	Fluoroacetamide	P070	Aldicarb
P058	Acetic acid, fluoro-, sodium salt	P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P058	Fluoroacetic acid, sodium salt	P071	Methyl parathion
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P059	Heptachlor	P072	alpha-Naphthylthiourea
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-	P072	Thiourea, 1-naphthalenyl-
		P073	Nickel carbonyl
P060	Isodrin	P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-
P062	Hexaethyl tetraphosphate	P074	Nickel cyanide
P062	Tetraphosphoric acid, hexaethyl ester	P074	Nickel cyanide $Ni(CN)_2$
P063	Hydrocyanic acid	P075	Nicotine, & salts
P063	Hydrogen cyanide	P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P064	Methane, isocyanato-	P076	Nitric oxide
P064	Methyl isocyanate	P076	Nitrogen oxide NO
P065	Fulminic acid, mercury(2+) salt (R,T)	P077	Benzenamine, 4-nitro-
P065	Mercury fulminate (R,T)	P077	p-Nitroaniline
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester	P078	Nitrogen dioxide
P066	Methomyl	P078	Nitrogen oxide NO_2
P067	1,2-Propylenimine	P081	1,2,3-Propanetriol, trinitrate (R)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	7-Benzofuranol, 2-3dihydro-2,2-dimethyl-, methylcarbamate
P127	Carbofuran.
P127	7-Benzufuranol, 2, 3-dihydro-2, 2 dimethyl-, methylcarbamate
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P128	Mexacarbate
P185	1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P188	Physostigmine salicylate
P189	Carbosulfan
P189	Carbamic acid, [(dibutylamino)-thio]methyl-,2,3-dihydro-2,2dimethyl-7benzofuranyl ester.
P190	Metolcarb.
P191	Dimetilan
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester.
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[((methylamino) carbonyl)oxy)-2-oxo-,methyl ester
P194	Oxamyl
P196	Manganese, bis(dimethylcarbamodithioato-S,S')
P196	Manganese dimethyldithiocarbamate
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[(methylamino)carbonyl)oxy] phenyl]
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride
P198	Formetanate hydrochloride
P199	Methiocarb.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P199	Phenol, (3,5-dimethyl-4(methlthio)-, methylcarbamate
P201	Promecarb
P201	Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate
P202	Phenol, 3-(1 methylethyl)-, methyl carbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	m-Cumenyl methylcarbamate
P203	Aldicarb sulfone.
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime
P204	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethyl-carbamate (ester), (3aS-cis)-
P205	Ziram

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF – TOXIC WASTES
(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)

	2,3,4,6-Tetrachlorophenol
	2,4,5-T
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	Acetic acid, (2,4,5-trichlorophenoxy)-
	Pentachlorophenol
See F027	Phenol, 2,3,4,6-tetrachloro-
	Phenol, 2,4,5-trichloro-
	Phenol, 2,4,6-trichloro-
	Phenol, pentachloro-
	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
	Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
U112	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione
U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U119	Methanesulfonic acid, ethyl ester
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)
U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide
U135	Hydrogen sulfide H_2S
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less
U271	Benomyl
U278	Bendiocarb
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U279	Carbaryl
U279	1-Naphthalenol, methylcarbamate
U280	Barban
U280	Carbamic acid, (3-chlorophenol)-, 4-chloro-2-butynyl ester
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U359	Ethylene glycol monoethyl ether
U364	1,3-Benzodioxol-4ol, 2,2-dimethyl
U364	Bendiocarb phenol
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U387	Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester
U387	Prosulfocarb
U389	Triallate
U389	Carbamothiocic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester
U394	A2213
U395	Diethylene glycol, dicarbamate
U395	Ethanol, 2, 2;-oxybis-,dicarbamate
U404	Ethanamine, N, N-diethyl-
U404	Triethylamine
U408	2,4,6-Tribromophenol
U409	Thiophanate-methyl
U409	Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester
U410	Ethanimidothioci acid, N, N'-(thiobis[(methylimino)carbonyloxy])bis-, dimethyl ester
U411	Propoxur
U411	Phenol, 2-(-1-methylethoxy)-, methylcarbamate

***** The EPA updated this list of EPA hazardous waste codes as of November 2000. The EPA anticipates promulgating two listings for wastes generated by the chlorinated aliphatics industry (K174 and K175) later this fall. The effective date of the listings will be six months after promulgation. For purposes of the 2001 Hazardous Waste Report, you should report only K174 and K175 hazardous wastes that you generated **after** the effective date of the rule.

Appendix E

U.S. EPA (RCRA) HAZARDOUS WASTE CODES

Appendix F

Department of Toxic Substances Control

2002 Annual Facility Report

State Hazardous Waste Codes

Inorganics

121. Alkaline solution (pH>12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
122. Alkaline solution without metals (pH>12.5)
123. Unspecified alkaline solution
131. Aqueous solution (2<pH<12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)
132. Aqueous solution with metals (<restricted levels and see 121)
133. Aqueous solution with total organic residues 10 percent or more
134. Aqueous solution with total organic residues less than 10 percent
135. Unspecified aqueous solution
141. Off-specification, aged, or surplus inorganics
151. Asbestos-containing waste
161. FCC waste
162. Other spent catalyst
171. Metal sludge (see 121)
172. Metal dust (see 121) and machining waste
181. Other inorganic solid waste

Organics

211. Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
212. Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
213. Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
214. Unspecified solvent mixture
221. Waste oil and mixed oil
222. Oil/water separation sludge
223. Unspecified oil-containing waste
231. Pesticide rinse water
232. Pesticides and other waste associated with pesticide production
241. Tank bottom waste
251. Still bottoms with halogenated organics
252. Other still bottom waste
261. Polychlorinated biphenyls and material containing PCBs
271. Organic monomer waste (includes unreacted resins)
272. Polymeric resin waste
281. Adhesives
291. Latex waste
311. Pharmaceutical waste
321. Sewage sludge
322. Biological waste other than sewage sludge
331. Off-specification, aged, or surplus organics
341. Organic liquids (nonsolvents with halogens)
342. Organic liquids with metals (see 121)
343. Unspecified organic liquid mixture
351. Organic solids with halogens
352. Other organic solids.

State Hazardous Waste Codes, Continued

Solids

411. Alum and gypsum sludge
421. Lime sludge
431. Phosphate sludge
441. Sulfur sludge
451. Degreasing sludge
461. Paint sludge
471. Paper sludge/pulp
481. Tetraethyl lead sludge
491. Unspecified sludge waste

Miscellaneous

511. Empty pesticide containers 30 gallons or more
512. Other empty containers 30 gallons or more
513. Empty containers less than 30 gallons
521. Drilling mud
531. Chemical toilet waste
541. Photochemicals/ photoprocessing waste
551. Laboratory waste chemicals
561. Detergent and soap
571. Fly ash, bottom ash, and retort ash
581. Gas scrubber waste
591. Baghouse waste
611. Contaminated soil from site clean-ups
612. Household wastes
613. Auto shredder waste

California Restricted Waste

711. Liquids with cyanides>1000 Mg/L
721. Liquids with arsenic > 500 Mg/L
722. Liquids with cadmium >100 Mg/L
723. Liquids with chromium (VI) > 500 Mg/L
724. Liquids with lead > 500 Mg/L
725. Liquids with mercury > 20 Mg/L
726. Liquids with nickel > 134 Mg/L
727. Liquids with selenium > 100 Mg/L
728. Liquids with thallium > 130 Mg/L
731. Liquids with polychlorinated biphenyls > 50 Mg/L
741. Liquids with halogenated organic compounds > 1000 mg/L
751. Solids or sludges with halogenated organic compounds > 1000 Mg/Kg
791. Liquids with pH < 2
792. Liquids with pH < 2 with metals
801. Waste potentially containing dioxins

Metals Include:
antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Reactive Anions Include:
azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions

Halogens Include:
chlorine, bromine, fluorine, or iodine

APPENDIX G

Department of Toxic Substances Control

2002 Annual Facility Report

Source Codes

Code	Source Code Group	Corresponding Codes from 1999 HWR *
	Wastes from Ongoing Production and Service Processes	
G01	Dip, flush or spray rinsing	A04, A05, A06, A31
G02	Stripping and acid or caustic cleaning	A01, A02, A03
G03	Plating and phosphating	A22, A23, A24
G04	Etching	A27
G05	Metal forming and treatment (pickling, heat treating, etc)	A25, A26, A40
G06	Painting and coating	A21, A29
G07	Product and by-product processing	A32, A35, A41, A49
G08	Removal of spent process liquids or catalysts	A36, A37
G09	Other production or service-related processes (specify in comments)	A49, A29, A07, A08, A19
	Other Intermittent Events or Processes	
G11	Discarding off-specification or out-of-date chemicals or products	A57, A58
G12	Lagoon or sediment drag out and leachate collection	NEW
G13	Cleaning out process equipment	A09
G14	Removal of tank sludge, sediments or slag	A38, A39, A60
G16	Process equipment change-out or discontinuation of equip. use	A56
G19	Other one-time or intermittent processes (specify in comments)	A59, A60, A91
	Pollution Control and Waste Management Process Residuals	
G21	Air pollution control devices (baghouse dust, etc)	A78
G22	Laboratory analytical wastes (used chemicals)	A94
G23	Wastewater treatment (sludge, filter cake, etc.)	A75
G24	Solvent or product distillation or recovery (sludge, waste)	A33, A34, A73
G25	Hazardous waste management – indicate management method	A71-A74, A76, A77, A89
G26	Storage and disposal unit leachate collection	A79
	Spills and Accidental Releases	
G31	Accidental contamination of products, materials or containers	NEW
G32	Cleanup of spill residues	A53
G33	Leak collection and floor sweeping	A51, A92
G39	Other cleanup of current contamination (specify in comments)	NEW
	Remediation of Past Contamination	
G41	Closure of hazardous waste management unit under RCRA	A64
G42	Corrective action at a solid waste management unit under RCRA	A63
G43	Remedial action or emergency response under Superfund	A61, A62
G44	State program or voluntary cleanup	A93
G45	Underground storage tank cleanup	A65
G49	Other remediation (specify in comments)	A69
	Waste Not Physically Generated On Site	
G61	Hazardous waste received from off site for storage/bulking and transfer off site for treatment or disposal	A89, NEW (Origin=4)
G62	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, US territory or protectorate). This site was the generator of record.	NEW

* For clarification only. Use the Source codes in the left column of the table only (i.e., codes beginning **G__**).

APPENDIX H

Department of Toxic Substances Control

2002 Annual Facility Report

Form Codes

Code	Form Code Group	Corresponding Codes from 1999 HWR *
	Mixed Media/Debris/Devices – Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorized	
W001	Lab packs with no acute hazardous waste	B001, B003, B009
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids	B002, B406, NEW
W004	Lab packs containing acute hazardous waste	B004
W301	Contaminated soil	B301, B302
W309	Batteries, battery parts, cores, casings	B309
W310	Filters, solid adsorbents, ion exchange resins and spent carbon	B310, B404
W320	Electrical devices (lamps, thermostats, CRT's, etc.)	NEW
W512	Sediment or lagoon dragout, drilling or other muds	B512, B513, B514
W801	Compressed gases	B701, B801
	Inorganic Liquids – Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content	
W101	Very dilute aqueous waste containing more than 99% water	B101, B109, B114, B116
W103	Spent concentrated acid	B103, B104
W105	Acidic aqueous wastes less than 5% acid	B105
W107	Aqueous waste containing cyanides	B107, B108
W110	Caustic aqueous waste without cyanides	B106, B109, B110
W113	Other aqueous waste or wastewaters	B111, B112, B113, B115
W117	Waste liquid mercury	B117
W119	Other inorganic liquid (specify in comments)	B119
	Organic Liquids – Waste that is primarily organic and is highly fluid, With low inorganic content and low to moderate water content	
W200	Still bottoms in liquid form	B601, B602, NEW
W202	Concentrated halogenated (e.g., chlorinated) solvent	B202
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent	B203
W204	Concentrated halogenated/non-halogenated solvent mixture	B204, B201
W205	Oil-water emulsion or mixture	B205
W206	Waste oil	B206

W209	Paint, ink, lacquer or varnish	B209
W210	Reactive or polymerizable organic liquids and adhesives	B211
W211	Paint thinner or petroleum distillates	B211
W219	Other organic liquid (specify in comments)	B207, B208, B219
	Inorganic Solids – Waste that is primarily inorganic and solid, with low organic content and low to moderate water content; not pumpable	
W303	Ash	B303
W304	Slags, drosses, and other solid thermal residues	B303, B304
W307	Metal scale, filings and scrap (including metal drums)	B307, B308
W312	Cyanide or metal cyanide bearing solids, salts or chemicals	B312, B313
W316	Metal salts or chemicals not containing cyanides	B316
W319	Other inorganic solids (specify in comments)	B311, B319, B314, B315
	Organic Solids – Waste that is primarily organic and solid, with low to moderate inorganic content and water content; not pumpable	
W401	Pesticide solids	B401, B402
W403	Solid resins, plastics or polymerized organics	B403
W405	Explosives or reactive organic solids	B405
W409	Other organic solids (specify in comments)	B407, B409
	Inorganic Sludge – Waste that is primarily inorganic, with moderate to high water content and low organic content; mostly pumpable	
W501	Lime and/or metal hydroxide sludge and solids with no cyanides	B501, B502, B305, B306
W503	Gypsum sludge from wastewater treatment or air pollution control	B503
W504	Other sludge from wastewater treatment or air pollution control	B504, B511
W505	Metal bearing sludge (including plating sludge) not containing cyanides	B505, B510
W506	Cyanide-bearing sludge	B506, B507
W519	Other inorganic sludge (specify in comments)	B508, B509, B515, B516, B519, B607
	Organic Sludge – Waste that is primarily organic with low to Moderate inorganic solids content and water content; pumpable	
W603	Oily sludge	B603
W604	Paint or ink sludge, still bottoms in sludge form	B601, B602, B604
W606	Resins, tar, polymer or tarry sludge	B605, B606
W609	Other organic sludge (specify in comments)	B608, B609

* For clarification only. Use the Form codes in the left column of the table only (i.e., codes beginning **W__**).

APPENDIX I

Department of Toxic Substances Control

2002 Annual Facility Report

Management Method Codes

Code	Management Method Code Group	Corresponding Codes from 1999 HWR *
	Reclamation and Recovery	
H010	Metals recovery including retorting, smelting, chemical, etc.	M011-M019
H020	Solvents recovery	M021-M029, M104
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)	M031-M039
H050	Energy recovery at this site – use as fuel (includes on-site fuel blending)	M051-M059
H061	Fuel blending prior to energy recovery at another site	M061
	Destruction or Treatment Prior to Disposal at Another Site	
H040	Incineration – thermal destruction other than use as a fuel	M041-M049
H071	Chemical reduction with or without precipitation	M071
H073	Cyanide destruction with or without precipitation	M073
H075	Chemical oxidation	M075
H076	Wet air oxidation	M076, M084, M093
H077	Other chemical precipitation with or without pre-treatment	M072, M074, M077
H081	Biological treatment with or without precipitation	M081, M091
H082	Adsorption	M082, M092, M103
H083	Air or steam stripping	M083
H101	Sludge treatment and/or dewatering	M101, M102, M109
H103	Absorption	M103
H111	Stabilization or chemical fixation prior to disposal at another site	M111
H112	Macro-encapsulation prior to disposal at another site	M112, NEW
H121	Neutralization only	M121
H122	Evaporation	M122
H123	Settling or clarification	M123
H124	Phase separation	M124
H129	Other treatment (specify in comments)	M078, M079, M085, M089, M094, M099, M119, M125, M129
	Disposal	
H131	Land treatment or application (to include on-site treatment and/or stabilization)	M131
H132	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)	M132, M133
H134	Deep well or underground injection (with or without treatment)	M134
H135	Discharge to sewer/POTW or NPDES (with prior storage – with or without treatment)	M135, M136
	Storage and Transfer	
H141	Storage, bulking, and/or transfer off site – no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H1310H135) at this site	M141

* For clarification only. Use the Management Method codes in the left column of the table only (i.e., codes beginning **H__**).

APPENDIX J

Department of Toxic Substances Control

2002 Annual Facility Report

2002 AFR

California Forms

Forms ID

Form GM

Form WR

Form OI

Form CO

Form CC

MAIL THE COMPLETED FORM **TO:** The Appropriate EPA Regional or State Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	**Reason for Submittal:** ❑ To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities). ❑ To provide subsequent notification (to update site identification information). ❑ As a component of a First RCRA Hazardous Waste Part A Permit Application. ❑ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____). ❑ As a component of the Hazardous Waste Report.		
2. Site EPA ID Number (see instructions on page 11)	**EPA ID Number:** |_|_|_| |_|_|_| |_|_|_| |_|_|_|		
3. Site Name (see instructions on page 11)	**Name:**		
4. Site Location Information (see instructions on page 11)	**Street Address:**		
	City, Town, or Village:		**State:**
	County Name:		**Zip Code:**
5. Site Land Type (see instructions on page 11)	**Site Land Type:** ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
6. North American Industry Classification System (NAICS) Code(s) for the Site (see instructions on page 11)	**A.**	**B.**	
	C.	**D.**	
7. Site Mailing Address (see instructions on page 12)	**Street or P. O. Box:**		
	City, Town, or Village:		
	State:		
	Country:		**Zip Code:**
8. Site Contact Person (see instructions on page 12)	**First Name:**	**MI:**	**Last Name:**
	Phone Number:		**Phone Number Extension:**
9. Legal Owner and Operator of the Site (see instructions on pages 12 and 13)	**A. Name of Site's Legal Owner:**		**Date Became Owner (mm/dd/yyyy):**
	Owner Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		
	B. Name of Site's Operator:		**Date Became Operator (mm/dd/yyyy):**
	Operator Type: ❑ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other		

Same as Page 1 of EPA Form 8700-12
Same as Page 1 of EPA Form 8700-23

EPA ID No. | | | | | | | | | | | | | |

10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16)

A. Hazardous Waste Activities

1. Generator of Hazardous Waste
(choose only one of the following three categories)

- ❑ a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or
- ❑ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste; or
- ❑ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities (check all that apply)

- ❑ d. United States Importer of Hazardous Waste
- ❑ e. Mixed Waste (hazardous and radioactive) Generator

For Items 2 through 6, check all that apply:

- ❑ **2. Transporter of Hazardous Waste**
- ❑ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)** Note: A hazardous waste permit is required for this activity.
- ❑ **4. Recycler of Hazardous Waste (at your site)** Note: A hazardous waste permit may be required for this activity.
- **5. Exempt Boiler and/or Industrial Furnace**
  - ❑ a. Small Quantity On-site Burner Exemption
  - ❑ b. Smelting, Melting, Refining Furnace Exemption
- ❑ **6. Underground Injection Control**

B. Universal Waste Activities

1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):

	Generated	Accumulated
a. Batteries	❑	❑
b. Pesticides	❑	❑
c. Thermostats	❑	❑
d. Lamps	❑	❑
e. Other (specify) _____	❑	❑
f. Other (specify) _____	❑	❑
g. Other (specify) _____	❑	❑

❑ **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

1. Used Oil Transporter - Indicate Type(s) of Activity(ies)
- ❑ a. Transporter
- ❑ b. Transfer Facility

2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies)
- ❑ a. Processor
- ❑ b. Re-refiner

❑ **3. Off-Specification Used Oil Burner**

4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies)
- ❑ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ❑ b. Marketer Who First Claims the Used Oil Meets the Specifications

11. Description of Hazardous Wastes (see instructions on pages 16 and 17)

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

Same as Page 2 of EPA Form 8700-12
Same as Page 2 of EPA Form 8700-23

EPA ID No.													

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.

12. Comments (see instructions on page 17)

13. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. **(see instructions on page 17)**

Signature of owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)

Same as Page 3 of EPA Form 8700-12
Same as Page 3 of EPA Form 8700-23

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1 A. Waste description (page 22)

B. EPA hazardous waste code (page 22) |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|

C. State hazardous waste code (page 22) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Source code |G|_|_|_| (page 23) Management Method code for Source code G25 |H|_|_|_|

E. Form code (page 23) |W|_|_|_|

F. RCRA radioactive mixed (page 23) ☐ Yes

G. Quantity generated in 2001 (page 23) |_|_|_|_|_|_|_|_|_|_|.|_|

H. UOM |_| (page 23)

Density (page 24) |_|_|.|_|_|

☐ lbs/gal ☐ sg

Sec. 2 Was any of this waste managed on site? (page 24)

☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)
☐ 2 No (SKIP TO SEC. 3)

ON-SITE PROCESS SYSTEM 1

On-site Management Method code (page 24) |H|_|_|_|

Quantity treated, disposed, or recycled on site in 2001 (page 25) |_|_|_|_|_|_|_|_|_|_|.|_|

ON-SITE PROCESS SYSTEM 2

On-site Management Method code (page 24) |H|_|_|_|

Quantity treated, disposed, or recycled on site in 2001 (page 25) |_|_|_|_|_|_|_|_|_|_|.|_|

Sec. 3 A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)
☐ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (FORM IS COMPLETE)

	B. EPA ID No. of facility to which waste was shipped (page 26)	C. Off-site Management Method code Shipped to (page 26)	D. Total quantity shipped in 2001 (page 26)
Site 1	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|
Site 2	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|
Site 3	|H|_|_|_|	|_|_|_|_|_|_|_|_|_|_|.|_|

Comments:

Over ➔

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM WR

WASTE RECEIVED FROM OFF SITE

Instructions: Please see the detailed instructions beginning on page 27 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Waste 1	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28)	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Waste 2	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 1	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Waste 3	A. Description of hazardous waste (page 27)	B. EPA hazardous waste code (page 28) | |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	C. State hazardous waste code (page 28) |_|_|_|_|_|_| |_|_|_|_|_|_|

D. Off-site handler EPA ID number (page 28) ☐ Check if same as in Waste 2	E. Quantity received in 2001 (page 28)	F. UOM (page 28) Density (page 29)
|_|_|_| |_|_|_| |_|_|_| |_|_|_|	|_|_|_|_|_|_|_|_|_|_|_|.|_|	|_| |_|_|.|_|_| ☐ 1 lbs/gal ☐ 2 sg

G. Form code (page 29)	H. RCRA radioactive mixed (page 29)	I. Management Method code (page 29)
|W|_|_|_|	☐ Yes	|H|_|_|_|

Comments:

Over ➔

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: _____

EPA ID NO: |_|_|_| |_|_|_| |_|_|_| |_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM OI

OFF-SITE IDENTIFICATION

Instructions: Please read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 2

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 3

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 4

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Site 5

A. EPA ID No. of off-site installation or transporter |_|_|_| |_|_|_| |_|_|_| |_|_|_|

B. Name of off-site installation or transporter

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR facility

D. Address of off-site installation
Street _____
City _____ State |_|_|
Zip |_|_|_|_|_| - |_|_|_|_|

Comments:

Over ➔

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

EPA ID NO: |__|__|__| |__|__|__| |__|__|__| |__|__|__|

CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

2002 Annual Facility Report

FORM

CO

CEASED OPERATING AS A PERMITTED OR INTERIM STATUS HAZARDOUS WASTE FACILITY

INSTRUCTIONS: Please read the detailed instructions beginning on page 18 of the 2002 AFR California Supplemental Instructions before completing this form.

Sec. I Full Permit, Interim Status Facilities, or Standardized Permit Facilities

A. Prior Authorization __ Permit __ Interim Status	B. Date of Permit Month. Day Year	C. Date of Interim Status Month. Day Year
D. Current Permit Status __ Ceased Operating __ Converted to lower tier permitting __ Permit Rescinded __ Permit Withdrawn	E. Date Ceased Operating all permitted units Month. Day Year F Date all units were converted to tier permitting Month. Day Year	G. Converted all Units to __ Permit by Rule __ Conditionally Authorized __ Conditionally Exempt __ Less than 90 days storage __ Other_____
H. Date facility notified DTSC of closure Month. Day Year	I. Is facility applying for Post-Closure Permit? __ Yes __ No	J. Date of facility Closure Certification/verification Month. Day Year

Comments: List any other closure activity below

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

EPA ID NO: |__|__|__| |__|__|__| |__|__|__| |__|__|__|

CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL

2002 Annual Facility Report

FORM CC

CLOSURE & POST-CLOSURE COST ESTIMATE AND ENVIRONMENTAL MONITORING DATA

INSTRUCTIONS: Please read the detailed instructions on page 20 of the 2002 AFR California Supplemental Instructions before completing this form.

Sec. I CLOSURE AND POST-CLOSURE COST ESTIMATES

Full Permit, Interim Status Facilities, or Standardized Permit Facilities

A. Type of Estimate
__ Closure Cost
__ Post-Closure Cost

B. Total Cost Estimate

C. Type and capacity of units (Please check type and unit of measurement)

__ Storage _____ ____ Gallons ____ Tons

__ Treatment _____ ____ Gallons ____ Tons per month

__ Disposal _____ ____ Gallons ____ Tons per month

__ Incineration _____ ____ Gallons ____ Tons per month

__ Open Burn/Detonation _____ ____ Gallons ____ Tons per month

__ Other _____ ____ Gallons ____ Tons per month

Specifiy Other _____

Sec. II ENVIRONMENTAL MONITORING DATA

Please do not submit monthly data. Describe the type and form of monitoring data that is maintained on-site for inspection.

APPENDIX K

Waste Reporter 2001 Software User's Guide

Conveniently create your Hazardous Waste Reports and Annual Facility Reports, validate data, and create printed reports using Waste Reporter 2001.

Created and Distributed by
Department of Toxic Substances Control
California – January 2003

Waste Reporter 2001 Software User's Guide

OVERVIEW

Waste Reporter 2001 was developed as a tool to assist organizations in fulfilling their U.S. EPA and California regulatory reporting requirements. This application is used to enter, store and create all the reports necessary for the EPA Biennial Reporting requirement and AFR Annual Facility Reporting requirement. The software can be used to create printed reports and can create time saving electronic transmittal files which can be mailed with your report. Here are some of the features offered by **Waste Reporter 2001**:

Waste Reporter 2001 offers three different methods to prepare the required reports:

- **Automated Method** import data using Waste Manager^{R} or EPA Flat File format
- **Step-by-Step Method** featuring an interview wizard for entering data
- **Manual Entry Method** enter data directly onto EPA Forms

Validation of all data entered/imported for correctness and validity:

- Validate presence and authenticity of various codes
- Validate authenticity of EPA ID number prefix and algorithm
- Check weights and measures for rationality
- Prevent inadvertent omissions or duplications

Multiple-site Capabilities (with purchase of software serial number)

- Store data from multiple generation sites
- Select specific site to enter, edit or print data for
- Add, edit or delete sites as needed
- Enables correction of EPA ID numbers and other protected fields

Create Reports

- Create a Summary Report of waste quantities for review
- Create printed reports for local files and for submission to U.S. EPA or DTSC
- Create electronic transmittal files for mailing with report to U.S.EPA or DTSC

Personalized Assistance

- Call the **2002 AFR Help Line at (916) 322-2880** for personalized assistance with using the software and completing the required forms and the electronic transmittal file.
- See the **Waste Reporter Software Tips** in the 2002 AFR Supplemental Instructions.

Submitting Reports

- Refer to the **2002 AFR Supplemental Instructions** for submittal instructions.

GETTING READY

Review Instructions

It's best to prepare by thoroughly reviewing the **2002 Annual Facility Report California Supplemental Instructions and Forms**, downloading the U.S. EPA Hazardous Waste Report Instructions and Forms, if needed for waste classification or other more technical issues, from U.S. EPA's web site at **www.epa.gov/epaoswer/hazwaste/data/brs01/ins-frms.pdf**, and downloading the 2001 Waste Reporter Software from Environs web site at **www.environ.com/partners/California/CAWR.htm**.

Obtain Multiple-Site Software serial number

If you will be completing more than one report, it is highly recommended that you contact Environmental Support Solutions directly at (888) 846-4407 to obtain a multiple-site software serial number before prior to entering data. They will provide a serial number to allow this functionality. If data has been entered contact Environmental Support Solutions directly at (888) 846-4407 for assistance.

Organize Your Data

A form GM should be completed for each generated RCRA hazardous waste at the waste-generating process level (Source code), manifest shipment level, or cumulative waste code level. Each of these levels defines how similar hazardous wastes may be combined and reported on one Form GM. When completing a Form GM at the:

- **Waste-Generating Process Level**, a site may combine one or more RCRA hazardous wastes at the point where the wastes are generated (i.e., hazardous wastes with the same Source code), including process wastes and treatment residues.
- **Manifest Shipment Level**, a site may combine one or more RCRA hazardous wastes shipped off site under the same hazardous waste manifest (i.e., hazardous wastes with one or more Source code(s) that may be aggregated and shipped together).
- **Cumulative Waste Code Level**, a site may combine each distinct RCRA hazardous waste (i.e., hazardous waste streams with the same hazardous waste code or the same group of hazardous waste codes with one or more Source code(s)) generated across the entire site.

Warning: Do not complete a separate GM form for every single waste for every single manifest unless you cannot reasonably group your waste using any of the methods described above.

Load Waste Reporter 2001

On computers running Windows 98 or better, insert the Waste Reporter 2001 disc into the drive. The program should start on its own. If the program does not start shortly, press the START button, then click Run, and enter "setup.exe". This should start the program for you.

When you initially load the disc, the software will prompt you for a software serial number. The default software serial number that is entered is the single-site software serial number. If you have multiple sites to manage, we recommend you call us for the multiple-site software serial number before proceeding.

Warning: Do not load the software using the single-site software serial number if you need to obtain a multiple site software serial number!

Network Warning: This software is designed to operate on a non-networked, independent computer. If your computer is networked, disconnect the network and load the software on the "C" drive. If you have difficulty using Waste Reporter 2001 on a networked computer, try using it on another computer or call the AFR Staff at (916) 322-2880 for personalized assistance.

START USING WASTE REPORTER 2001

Select Method of Data Entry (click to select)

Automated Method: If you utilize Waste Manager[R] to manage your software, or EPA Flat File format, the obvious choice is to import your data using the Automated Method. Once you have imported your data, we recommend using the Manual Method to view or edit your data.

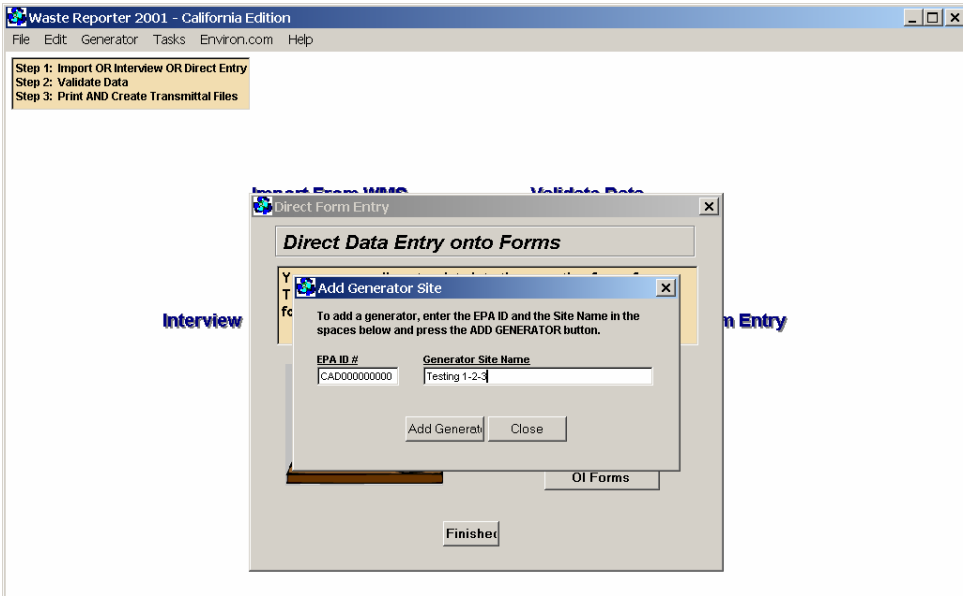
Step-by-Step Method: The interview wizard is very time consuming and prompts for information not required by the Department for 2002 AFR. We recommend this method ONLY if you have NEVER used a computer and have NEVER done a Biennial Report or Annual Facility Report. Still, we would rather you call us for assistance with the Manual Method and save you some time. If you choose this method, your forms will be available for viewing/editing under the Manual Method option after you have finished the wizard.

Manual Method: We highly recommend you choose Manual Method, unless, of course, you are able to import your data using the Automated Method. The screens resemble the forms, and you can navigate easily from section to section, or from form to form.

Note: Be sure to click the box for "Don't show this screen again", or you'll be prompted to select a method every time you open the Waste Reporter Software.

These instructions are written specifically for the **Manual Method** for a single site. If you have chosen to import your data, please see the specific instructions for **Importing Data** at the end of these instructions. If you require assistance in doing so, please call the AFR Help Line at (916) 322-2880. You can follow these instructions after you have finished importing your data.

Enter Facility EPA ID Number and Site Name



Depending on whether you are using a multiple-site software serial number or the default single-site software serial number, you may be prompted to input the EPA ID number and Site Name. Be sure that the EPA ID number is your assigned number and that it is correct. With the single-site software serial number, you cannot edit the EPA ID number after you click **Add Generator**.

If you are using the multiple-site software serial number, this same screen will appear when you add a new facility. To edit your existing facilities, click Generator on the top menu and select a generator from the drop down list.

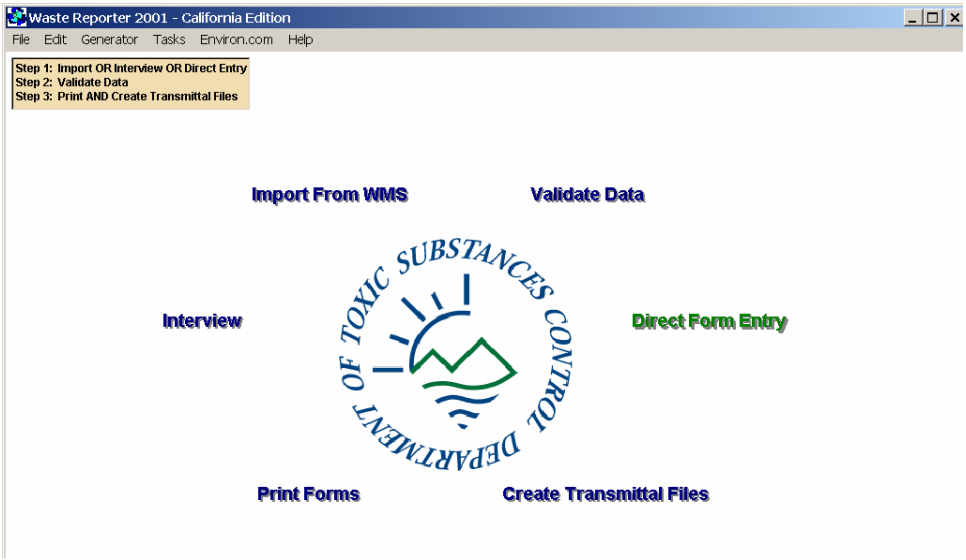
You should see a screen like the example shown above. Make sure you click **Add Generator** button to continue.

The software should bring you to the Main Menu (circular menu) as shown on the next page.

Main Menu

The following screen should appear. This is the main navigation menu for Waste Reporter Software. Notice the Steps outlined in the upper left corner of the menu.

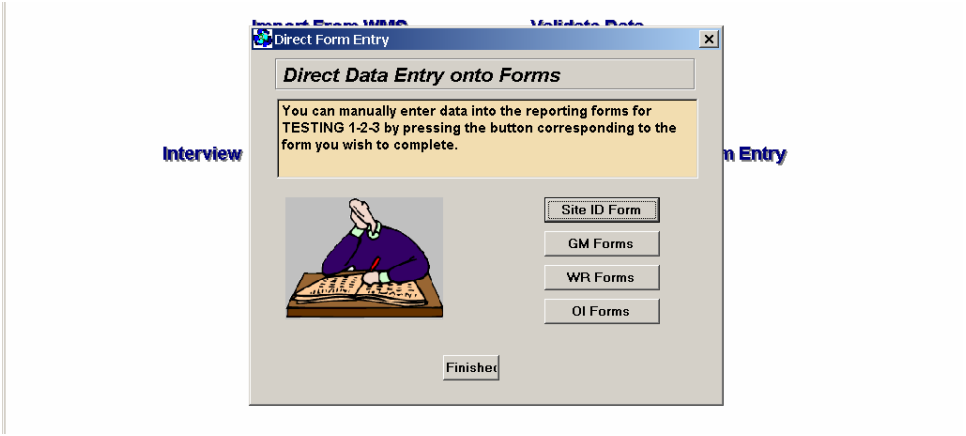
Select **the Direct Form Entry** on the right side of the circular menu, as shown in the example below.



Direct Form Entry

The following screen should appear. The goldenrod text box in the center should identify the site EPA ID number and Site Name that you are going to be entering data for. For multi-site users, select a different site or add a new one from the Generator Menu.

Click the "**Site ID Form"** button and follow the step-by-step instructions for Form ID on the following page, and in the 2002 AFR California Supplemental Instructions.



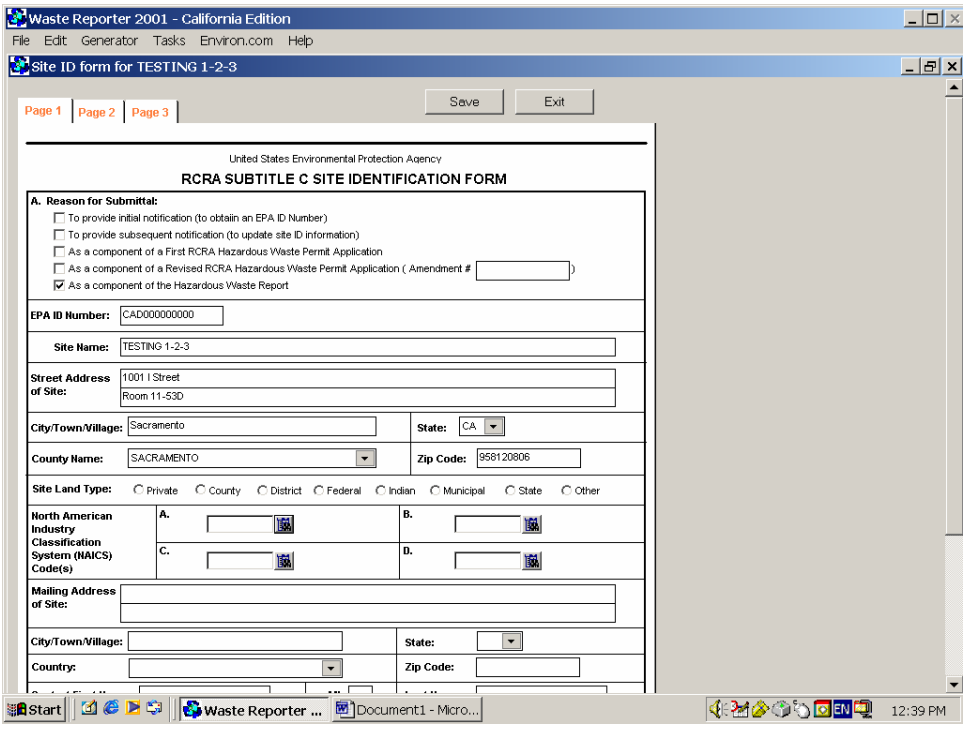
FORM ID

The **RCRA SUBTITLE C SITE IDENTIFICATION FORM (FORM ID)** screen will appear. The last box in Section A is already checked, as a default. This is the correct option. Your EPA ID number and Site Name should already appear.

Detailed line by line instructions are available starting on page 13 of the 2002 AFR Instructions for the FORM ID.

Finish filling out the information for the site address, including COUNTY name, from the drop down menu. This is different than the COUNTRY name, in the section below for the mailing address. You can enter "SAME" for the mailing address if it is the same as the site address, with the exception of the country code.

When using the drop down menu for the county or country code, click in the text box and enter the beginning letter of the county or "U" for United States, and the drop down list should advance to the section of the list beginning with that letter. Then click the drop down arrow to view the list. United States is several countries down on the "U" section.

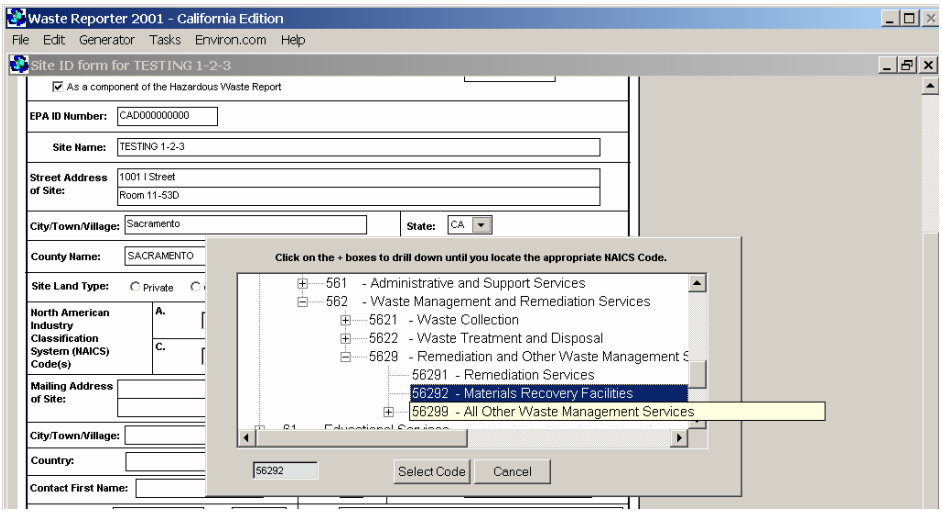


The North American Industry Classification Systems (NAICS) Codes may be found at **www.NAICS.com**, or by calling the AFR Help Line at (916) 322-2880, and we will walk through the drop down menus with you to identify your closest industry classification. Remember, this is NOT your SIC code. The web site listed above has a conversion system if you cannot find your correct code.

While using the drop down menus in the software or on the NAICS web site online system, please start with very general terms and categories about your business, getting more detailed as you drop down. Remember, there are many industry types and only a few codes to categorize them. The code you may be using may not be exact, but may be the closest choice. Remember to click **Select Code** to select the full NAICS code. You can choose up to four separate codes to classify your industry, if needed. See the example on the following page.

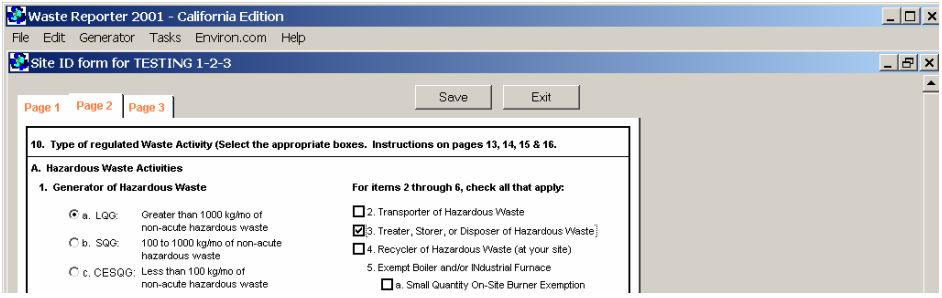
Use the navigation scroll bar at the far right of your screen to scroll down to the bottom half of the form. If you don't see a navigation bar, or can't see the "X" box at the upper right corner, modify your screen resolution via the "Start\Settings\Control Panel\Display\Settings". This path should be somewhat similar on your computer, depending on which operating system you are using. Be sure to write down your current settings so that you can re-adjust them when you're finished using Waste Reporter. When adjusting resolution, change it to 1024x768. This setting generally will work well.

Call the 2002 AFR Help Line at (916) 322-2880 for assistance.

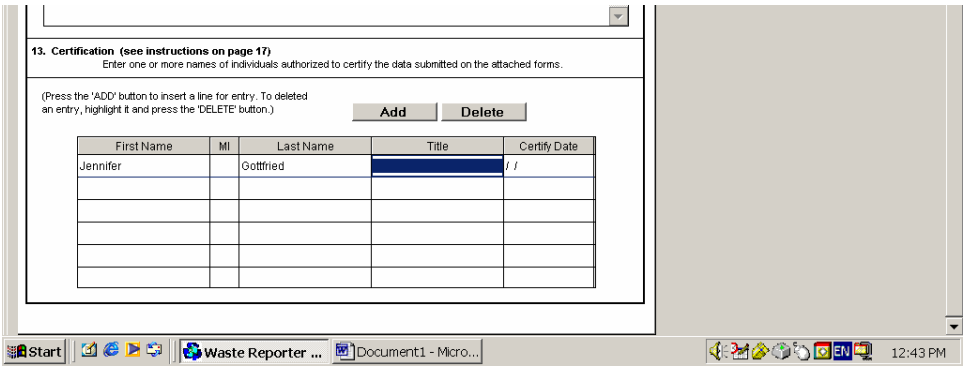


The page by page navigations buttons should appear at the top of the form. Remember to complete all three pages of the Form ID, and to save each page as you navigate through the form. See the example below.

Scroll back to the top of the form using the navigation scroll bar at the far right of the screen, and click the "Save" button. Then click on the "Page 2" tab to move to the next page.



Use the navigation scroll bar to move through the form, and complete required fields as per the **2002 AFR Supplemental Instructions.**

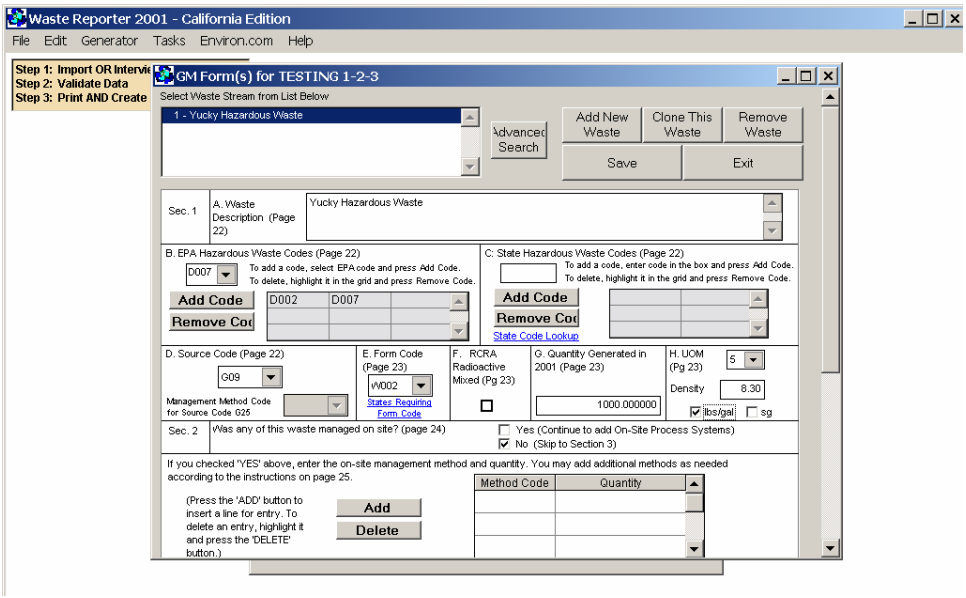


At the bottom of Page 3 of the form, click the "Add" button before entering the certification information. The available field will turn blue. Enter the first, middle initial and last name of the certifier. The Middle Initial field automatically tabs over, so be sure you're not entering the last name in the Title field. Leave the date field blank.

Scroll back to the top and click "Save" again, and then click "Exit". This will exit the Form ID and take you back to the Forms Menu so you can continue to complete your report. Click "GM Forms" (not required if no waste was generated).

FORM GM

Begin by clicking the "Add New Waste" button. The upper left text box of the Form GM displays a list of all of the Form GMs you have created, listed by description.



When entering the description, make sure that the default text "Enter Waste Description Here" is highlighted.

Note: If the software will not allow you to enter data into the description field, click the mouse up on the "Select Waste Stream from List Below" drop down list at the top of the form, and then click again in the description text box. This should enable the software to accept your entry.

If you are entering a form with similar waste and codes as a previously entered waste, select the previously entered waste and then click the "Clone Waste Stream" button. This will create a copy of the selected Form GM with some data already entered.

Click "Add Code" to add an EPA Hazardous Waste Code or State Hazardous Waste Code, if required from the **2002 AFR Supplemental Instructions.** Enter the Source Code and Form Code from the list in the **2002 AFR Supplemental Instructions**. Enter the amount GENERATED. This may differ from the amount manifested, if some of the waste manifested was generated in 2001. Enter the UOM and density according to the **2002 AFR Supplemental Instructions**.

Scroll down to the bottom half of the page using the navigation scroll bar at the far right side of the screen. The bottom half is less confusing if you are looking at the entire bottom half.

If waste was managed on-site, click the "Yes" button and the "Add" button to enable the fields in that section. Enter the Method Code from the **2002 AFR Supplemental Instructions** and the quantity managed on-site.

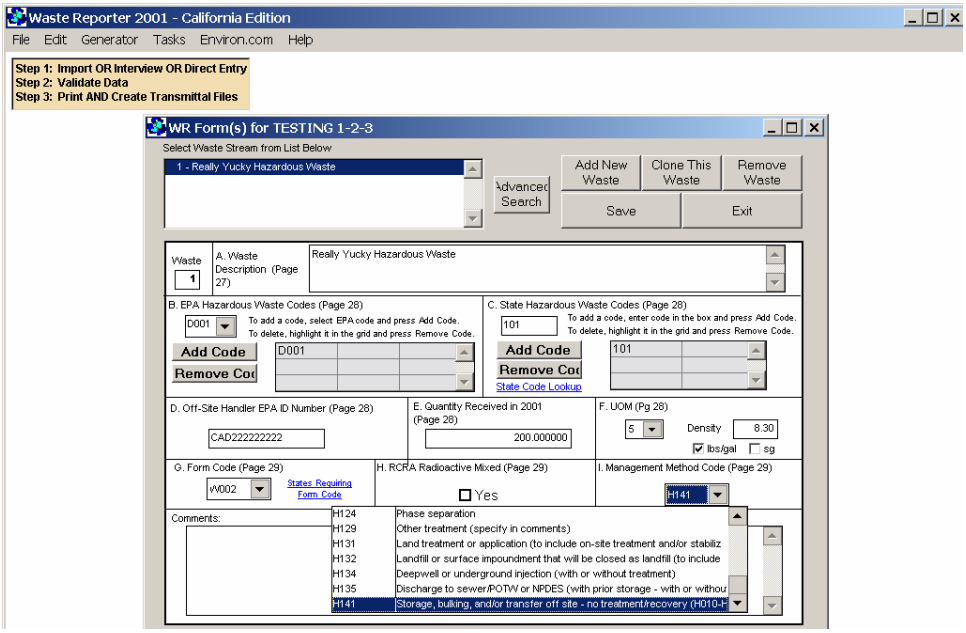
For waste shipped off-site, click the "Yes" button and the "Add" button to enable the fields in that section. Enter the EPA ID number of the off-site handler (make sure it is the correct number), the Method Code from the **2002 AFR Supplemental Instructions**, and the quantity shipped off-site. Remember, this may differ from the amount manifested, if some of the waste manifested was generated in 2001

Scroll back to the top of the Form GM and click "**Save**", and then click "**Exit**" to exit the GM Form and return to the Forms Menu. From the Forms Menu, click "**WR Forms**" for reporting waste received.

FORM WR

When entering the description, make sure that the previous text "Enter Waste Description Here" is highlighted.

Note: If the software will not allow you to enter data into the description field, click the mouse up on the "Select Waste Stream from List Below" drop down list at the top of the form, and then click again in the description text box. This should enable the software to accept your entry.



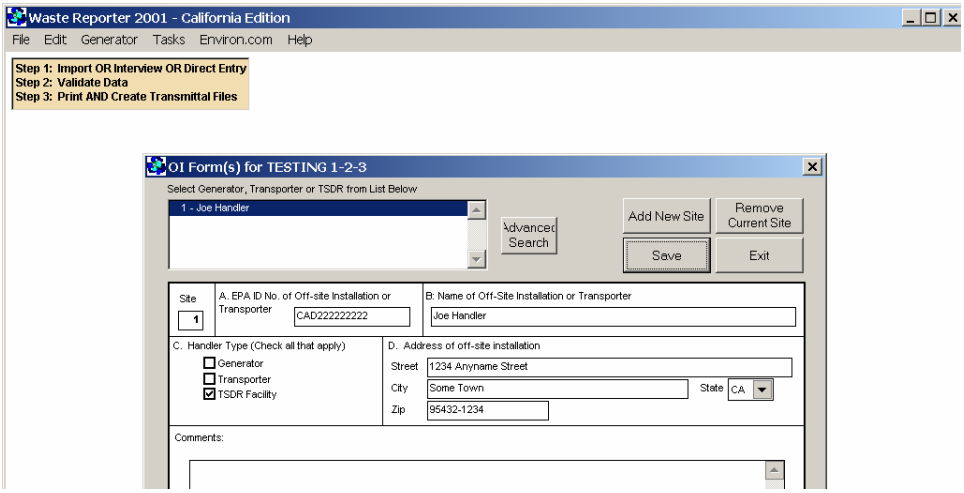
If you are entering a form with similar waste and codes as a previously entered waste, select the previously entered waste and then click the "Clone Waste Stream" button. This will create a copy of the selected Form WR with some data already entered.

Click "Add Code" to add an EPA Hazardous Waste Code or State Hazardous Waste Code listed in the **2002 AFR Supplemental Instructions**. Enter the Off-site Handler EPA ID number. Make sure that this is the correct number for the handler.

Enter amount received. Enter the UOM and the Form Codes and Management Method Codes from the **2002 AFR Supplemental Instructions**. Use the drop down boxes to enter the codes when available.

Click "Save" after entering each Form WR. Click "Exit" to exit the Form WR and return to the Forms Menu. Click "OI Forms" to enter off-site facility information.

FORM OI



DTSC requests that you complete the OI form and include every off-site EPA ID number you have entered on your GM and WR forms. Double check each EPA ID number against your records.

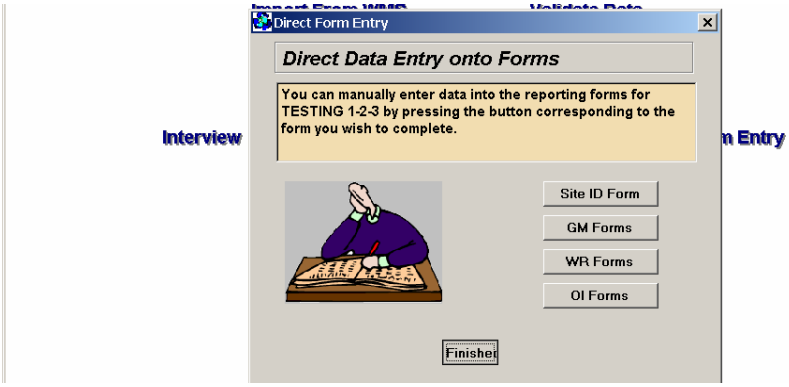
The drop down text box will display all of the facilities you have entered. To edit a previously entered facility, select the name from the drop down text box and edit data as necessary.

Click Save after entering each Form OI. Click Exit Form OI and return to the Forms Menu.

FORMS CO AND CC

Waste Reporter 2001 does not have the capability of creating these forms. Please complete them manually and include them with your report.

Click "Finished" at the bottom of the Forms Menu to return to the Main Menu. You can return to the Forms Menu at any time to continue entering data or editing existing data.



COMMENTS

Comments are required in the comments section for G9, G19, G39, and G49 Source Codes, and to clarify or continue other entries, including additional Waste Codes. For each comment, reference the section number and box letter of the entry that is being commented, or note the Source Code (for source code clarification). (E.g., "Sec. 1, Box B, continued: D011: From production processes", or "G9: From production processes").

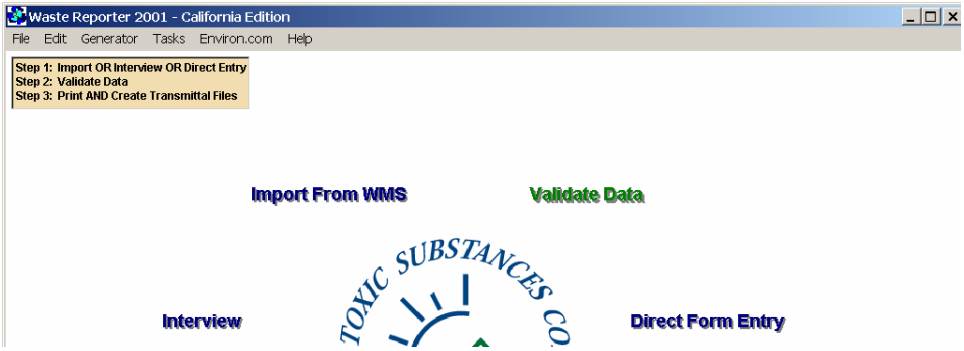
VALIDATING DATA

Summary Report

Print a summary report from the Validation Menu. From the Main Menu (circular menu), click on Validate Data. Select the option for Summary Report. Print and review the report carefully against your records to ensure that the quantities are correct. The software may inadvertently add a zero to some of your quantities or some forms may not have been saved properly.

Validation

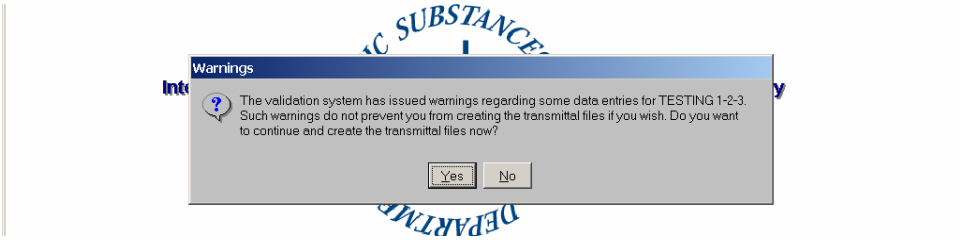
After you have finished entering all of your data and verified the quantities are correct, you will need to validate your data. From the Main Menu (circular menu), click on Validate Data.



The validation process will take a few moments. For very large reports the process may take longer.

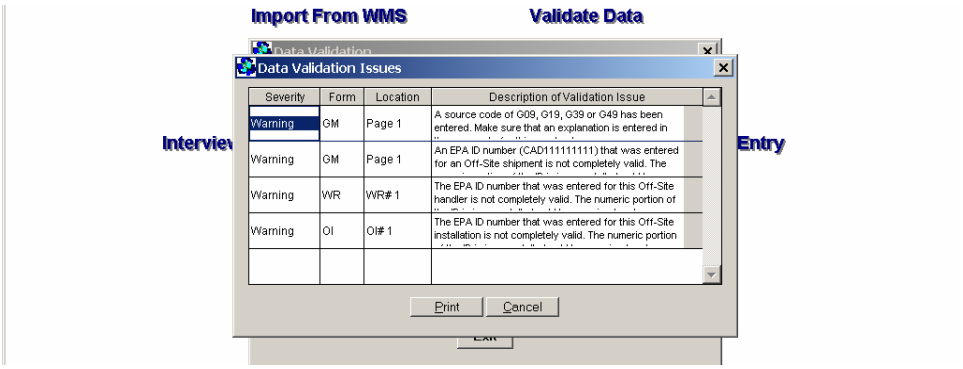
Warnings

It is likely that you receive warnings or critical error messages. If you have, please follow the instructions below. If you have validated your data successfully with no warnings, you may skip the warnings instructions and continue to the instructions for creating your reports.



If you have more than a few warnings, or are having difficulty solving the warning issues, print the list for easy viewing and call the AFR Help Line at (916) 322-2880 for assistance.

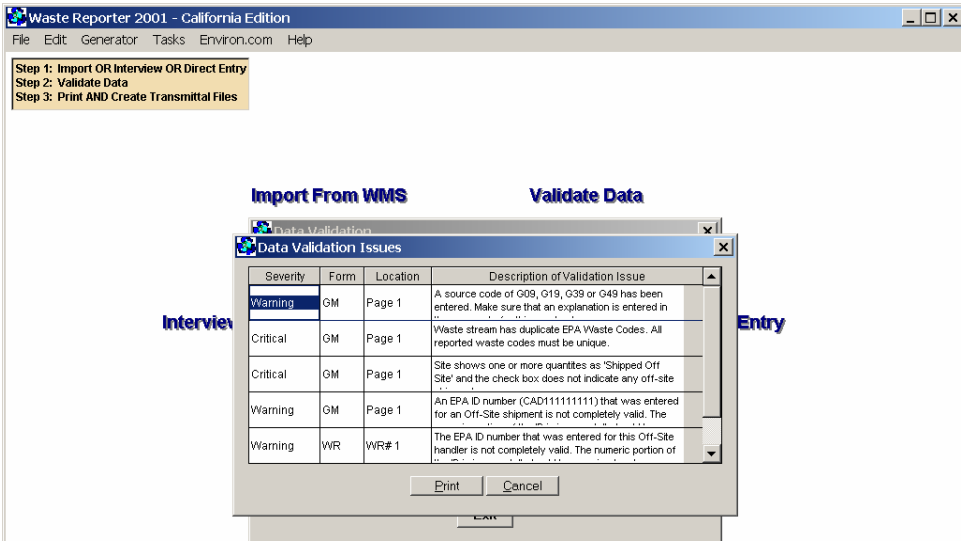
Generally, warnings are simple reminders to check to make sure that you entered a comment, etc. They may not necessarily state that you failed to do something, only that you possibly may not have. The software is limited in its viewing of some of the data fields (e.g., comments section or validating California EPA ID number prefixes). After you carefully check each warning and have corrected the errors, you must successfully validate your data before you can create your reports.



Critical Errors

If you have received critical error warnings, you can not proceed. You must solve the errors and successfully validate your data before creating your reports.

If you have received more than a few critical error warnings, or are having difficulty solving the critical errors, print the list out for easy viewing and call the AFR Help Line at (916) 322-2880 for assistance.



Read the warnings carefully. Review the data carefully. Troubleshoot the errors by deleting the specific data in question (such as a transporter EPA ID number or several waste codes) and re-entering the data. The data may appear correct, but may have not been stored properly by the software.

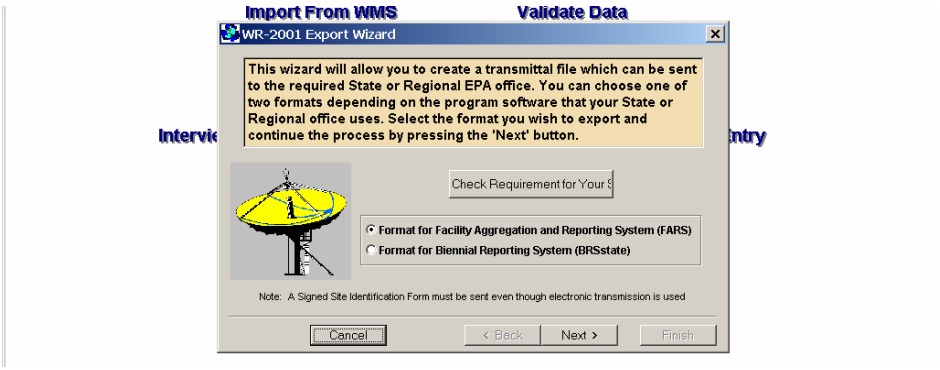
Common critical errors are invalid EPA ID numbers, duplicate waste codes, and unit of measurement errors.

You must solve all of the critical errors and successfully validate your data before you can create your reports.

If you have accessed any of the forms in Waste Reporter, you must re-validate your data before you can create your reports.

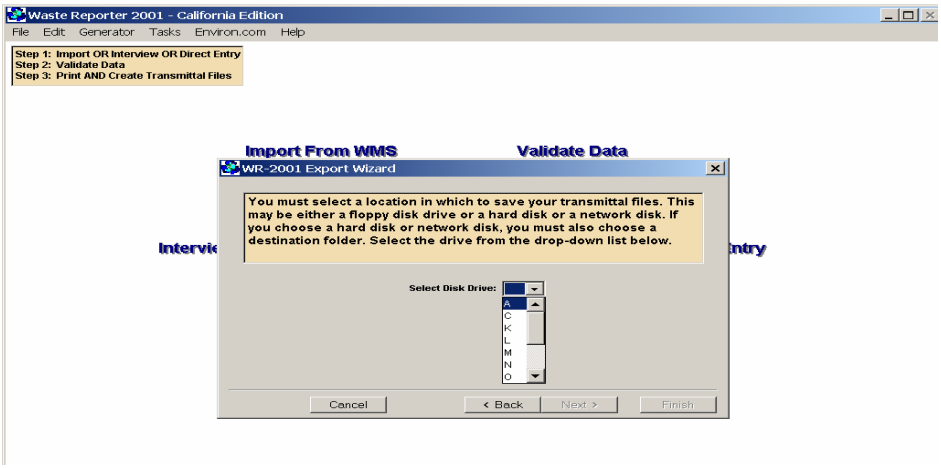
CREATE TRANSMITTAL FILE

From the Main Menu (circular menu) select Create Transmittal File. The wizard will guide you through creating the electronic transmittal file of the forms entered into Waste Reporter.



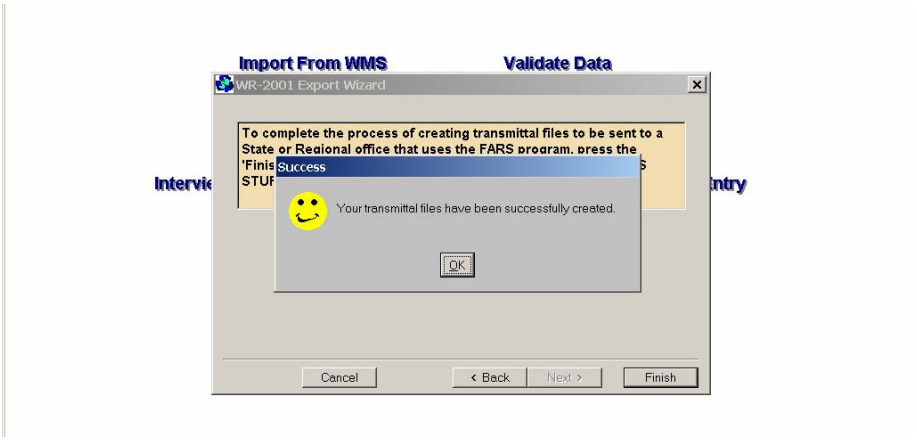
DO NOT EMAIL THE TRANSMITTAL FILE. The diskette must be mailed with your completed report.

Select the **Format for Facility Aggregation and Reporting System (FARS)**. Follow the wizard by clicking the Next button at the bottom of the page.



The wizard will prompt you to select a drive to create the transmittal file. Select "**A**:" and insert a diskette into your A: drive. The transmittal file that is created is a zipped file, so even very large facilities should be able to create their transmittal files on a diskette.

Continue the process by clicking the "Finish" button. The process takes a moment, and may take significantly longer for very large facilities. You should receive a yellow smiley face when the file has been completed successfully (displayed momentarily).

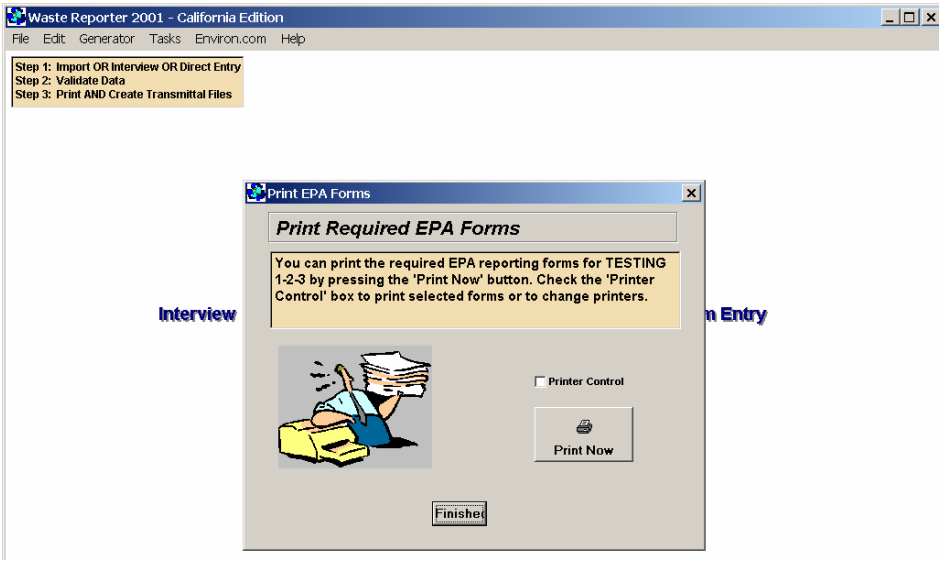


CREATE REPORTS

Print Forms

Return to the Main Menu (circular menu) and select “Print Forms”. After you have validated your data successfully and created an electronic transmittal file on a diskette, you will need to print a hard copy of your entire report to submit to DTSC. Remember, the Waste Reporter printouts will be missing the Form CO and Form CC. These forms must be completed manually and included with your final report.

You should a screen similar to the one below. It is recommended that you print to a laser printer. If you must print to a bubble jet printer, adjust the resolution on the printer to the highest setting, and the report should print properly.



SUBMITTING YOUR REPORTS

Certification

Have the entire report (including Form CO and CC) reviewed and certified by a manager employed by the facility. The manager must certify the report on the bottom of page 3 of FORM.

Consultants who are completing the report for a facility are not authorized to certify on behalf of the facility. Forward the entire report to the facility for certification.

Submitting Report to DTSC

Follow the detailed instructions in the 2002 AFR Supplemental Instructions for submittal instructions, cover sheet, diskette mailer and return mailing label for your facility. Please include the cover sheet and diskette mailer provided with the **2002 AFR Supplemental Instructions**.

You must use the return mailing label included with the 2002 AFR Supplemental Instructions, or include the mailing label (with tracking information) with your report submittal, and mail to the address displayed on the label.

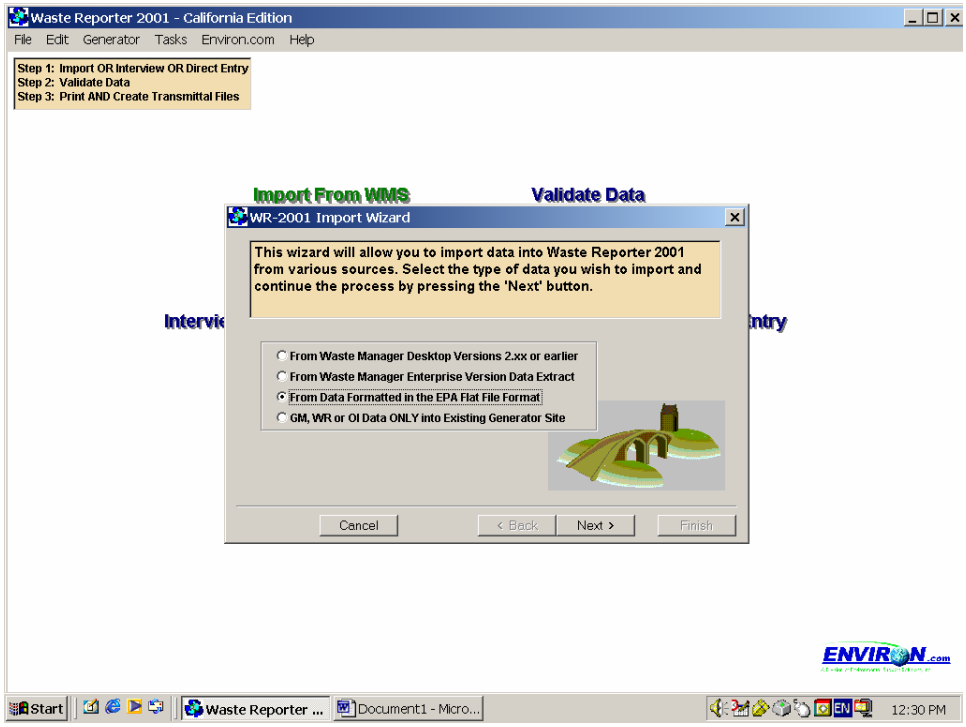
Do not use excessive tape or packaging materials on your diskette. Opening such packaging material can cause damage to the diskette.

Deadline

Your report must be postmarked by **March 1, 2003**. No need to Fed Ex or Express Mail your report.

IMPORTING DATA

If using the Automatic Import Method, you will see a screen that looks like this. Follow the wizard until you have completed the import process.



Only Waste Manager files or EPA Flat File formatted files may be imported into Waste Reporter. No other formats may be imported.

Call the AFR Help Line at (916) 322-2880 for assistance with importing data into Waste Reporter or converting files to meet EPA Flat File specifications. See the 2002 AFR Supplemental Instructions for obtaining the current EPA Flat File specifications.

Once you have successfully imported your files, select the Manual Method access the data in Waste Reporter.

Refer to the instructions contained in this User Guide for accessing and editing your reports, validating your data, creating the transmittal file, printing your reports, and submitting your report to DTSC.